

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072018\
 Data File : VX003522.D
 Acq On : 20 Jul 2018 21:50
 Operator : JC/SP
 Sample : VX0720WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Quant Time: Jul 21 03:42:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278882	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394395	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231094	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193858	58.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.44%	
35) Dibromofluoromethane	5.51	113	170301	55.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.30%	
50) Toluene-d8	8.72	98	641113	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
62) 4-Bromofluorobenzene	11.14	95	231039	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	49746	22.07	ug/l	99
3) Chloromethane	1.32	50	65159	23.11	ug/l	97
4) Vinyl Chloride	1.40	62	72327	20.42	ug/l	99
5) Bromomethane	1.64	94	37111	25.10	ug/l	97
6) Chloroethane	1.72	64	45164	21.54	ug/l	100
7) Trichlorofluoromethane	1.93	101	99874	21.13	ug/l	99
8) Diethyl Ether	2.19	74	42695	21.03	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.39	101	62162	20.09	ug/l	99
10) Methyl Iodide	2.51	142	76652	20.63	ug/l	93
11) Tert butyl alcohol	3.07	59	80700	123.54	ug/l	99
12) 1,1-Dichloroethene	2.37	96	60071	21.09	ug/l	88
13) Acrolein	2.29	56	27576	93.43	ug/l	98
14) Allyl chloride	2.73	41	110369	21.89	ug/l	87
15) Acrylonitrile	3.15	53	191921	115.40	ug/l	97
16) Acetone	2.45	43	148944	119.45	ug/l	# 87
17) Carbon Disulfide	2.57	76	160927	20.89	ug/l	98
18) Methyl Acetate	2.78	43	95807	24.37	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	208867	22.46	ug/l	99
20) Methylene Chloride	2.86	84	71332	22.93	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	66025	20.83	ug/l	96
22) Diisopropyl ether	3.88	45	217114	22.88	ug/l	93
23) Vinyl Acetate	3.82	43	859714	110.00	ug/l	96
24) 1,1-Dichloroethane	3.70	63	124805	22.42	ug/l	99
25) 2-Butanone	4.71	43	247768	118.43	ug/l	94
26) 2,2-Dichloropropane	4.59	77	74381	17.59	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	73830	20.92	ug/l	87
28) Bromochloromethane	5.02	49	56890	23.38	ug/l	91
29) Tetrahydrofuran	5.17	42	159240	115.22	ug/l	92
30) Chloroform	5.22	83	122671	22.57	ug/l	97
31) Cyclohexane	5.57	56	103530	20.81	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	103133	22.16	ug/l	98
36) 1,1-Dichloropropene	5.80	75	89296	20.40	ug/l	99
37) Ethyl Acetate	4.87	43	94862	22.90	ug/l	95
38) Carbon Tetrachloride	5.79	117	89156	20.76	ug/l	99

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Quant Time: Jul 21 03:42:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	101508	19.58	ug/l	96
40) Benzene	6.15	78	279860	21.17	ug/l	98
41) Methacrylonitrile	5.07	41	53267	21.88	ug/l	92
42) 1,2-Dichloroethane	6.20	62	93581	22.47	ug/l	96
43) Isopropyl Acetate	6.47	43	145325	22.05	ug/l	94
44) Trichloroethene	7.21	130	80654	20.46	ug/l	94
45) 1,2-Dichloropropane	7.52	63	72476	21.60	ug/l	100
46) Dibromomethane	7.67	93	47185	21.84	ug/l	98
47) Bromodichloromethane	7.90	83	86015	21.75	ug/l	100
48) Methyl methacrylate	7.78	41	74094	22.30	ug/l	86
49) 1,4-Dioxane	7.76	88	33371	443.22	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	484215	116.32	ug/l	92
52) Toluene	8.79	92	176138	21.17	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	100788	20.70	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	90163	20.59	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	72291	21.84	ug/l	98
56) Ethyl methacrylate	9.18	69	100332	21.52	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	118057	22.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	243026	107.19	ug/l	98
59) 2-Hexanone	9.50	43	363732	117.93	ug/l	91
60) Dibromochloromethane	9.59	129	68991	21.05	ug/l	100
61) 1,2-Dibromoethane	9.68	107	73972	21.56	ug/l	100
64) Tetrachloroethene	9.34	164	97235	20.24	ug/l	95
65) Chlorobenzene	10.14	112	202534	19.93	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	69580	19.90	ug/l	98
67) Ethyl Benzene	10.26	91	328227	20.09	ug/l	98
68) m/p-Xylenes	10.36	106	257412	40.19	ug/l	97
69) o-Xylene	10.70	106	121513	19.62	ug/l	99
70) Styrene	10.71	104	206169	20.24	ug/l	97
71) Bromoform	10.86	173	51563	18.98	ug/l #	99
73) Isopropylbenzene	11.02	105	330222	20.66	ug/l	100
74) N-amyl acetate	6.47	43	145325	21.41	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	99132	21.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112893	27.19	ug/l	80
77) Bromobenzene	11.26	156	92512	20.13	ug/l	98
78) n-propylbenzene	11.36	91	375294	21.12	ug/l	99
79) 2-Chlorotoluene	11.42	91	226072	20.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	279054	21.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	23969	17.99	ug/l	97
82) 4-Chlorotoluene	11.51	91	261840	20.72	ug/l	99
83) tert-Butylbenzene	11.77	119	261814	20.35	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	283316	21.20	ug/l	98
85) sec-Butylbenzene	11.95	105	322874	20.67	ug/l	100
86) p-Isopropyltoluene	12.07	119	289399	20.64	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	168227	19.91	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	169176	19.44	ug/l	100
89) n-Butylbenzene	12.39	91	233444	19.61	ug/l	99
90) Hexachloroethane	12.60	117	37414	18.77	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	170046	20.42	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19173	21.04	ug/l	92

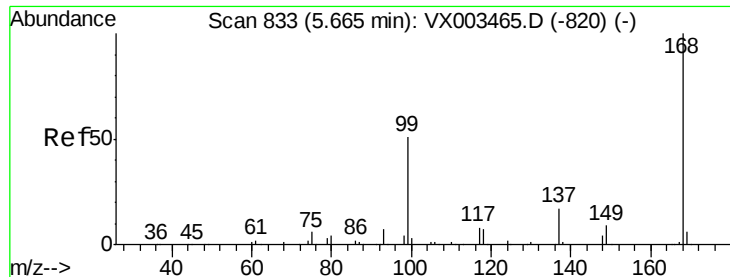
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114544	18.77	ug/l	99
94) Hexachlorobutadiene	13.79	225	53833	18.34	ug/l	99
95) Naphthalene	13.83	128	330764	20.62	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	116797	19.33	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

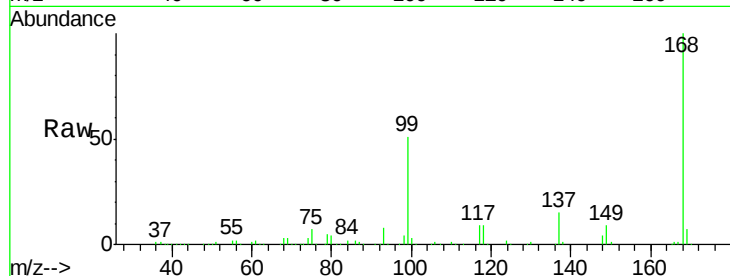
VX0720WBS03

Tot Ion:168 Resp: 278882

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

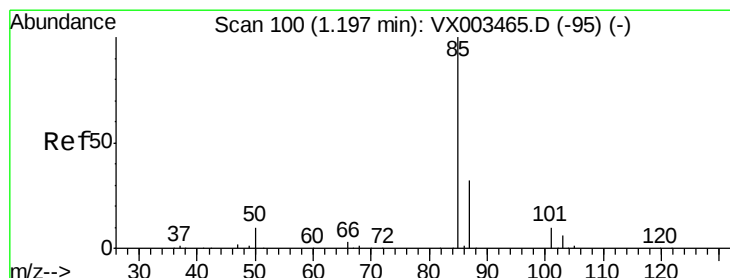
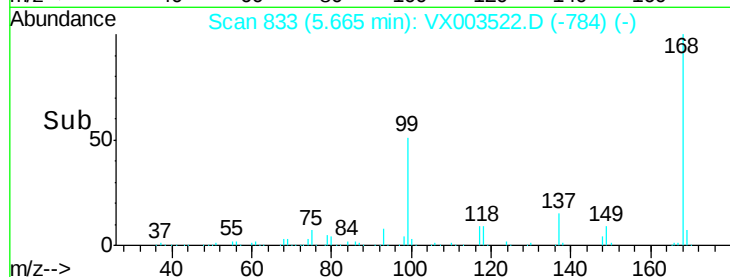
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 22.07 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003522.D

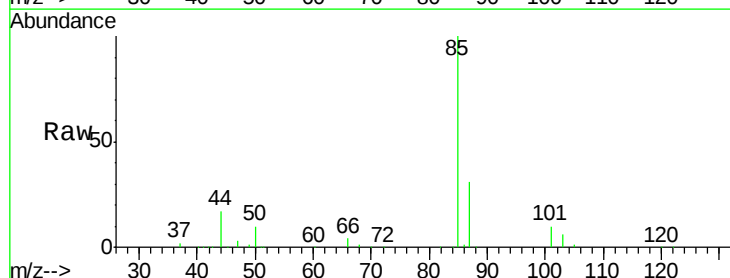
Acq: 20 Jul 2018 21:50

Tgt Ion: 85 Resp: 49746

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

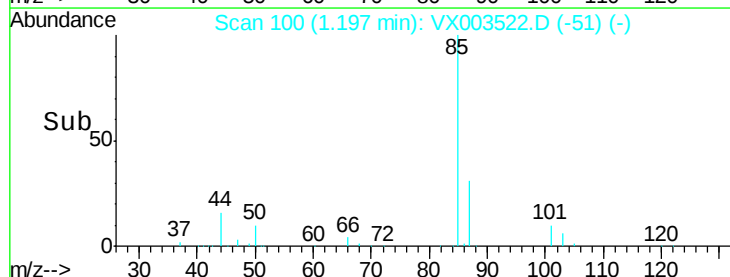
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 23.11 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

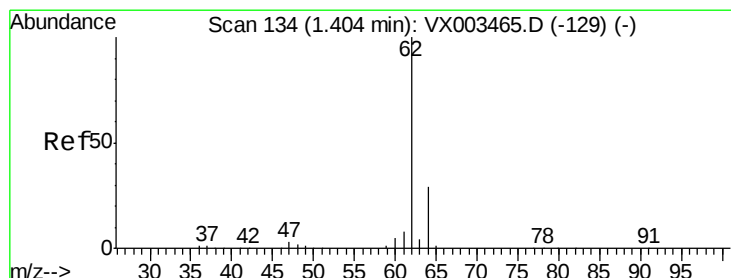
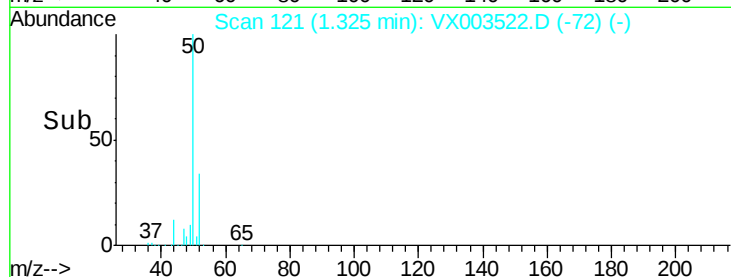
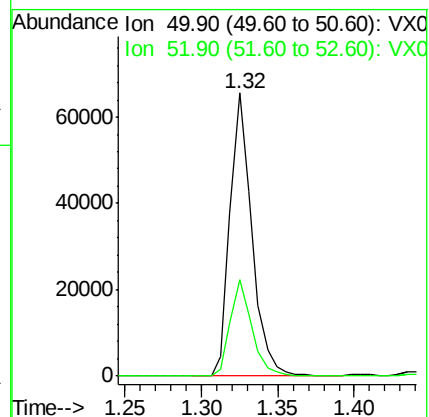
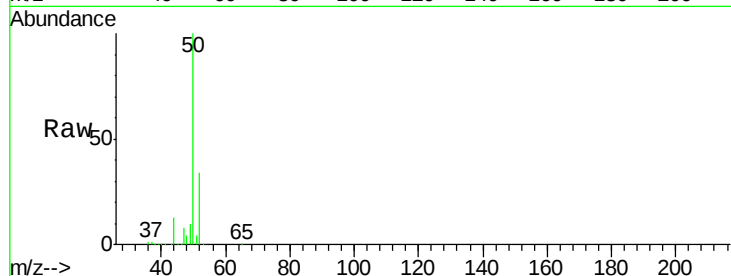
VX0720WBS03

Tot Ion: 50 Resp: 65159

Ion Ratio Lower Upper

50 100

52 33.9 25.7 38.5



#4

Vinyl Chloride

Concen: 20.42 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003522.D

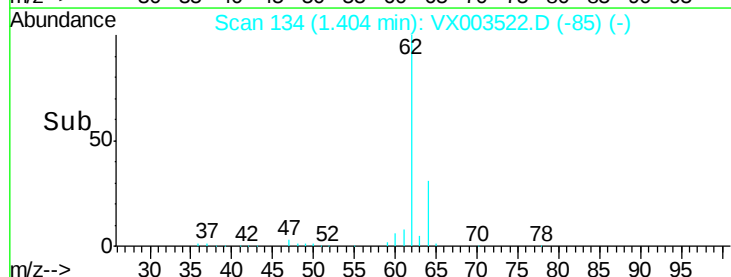
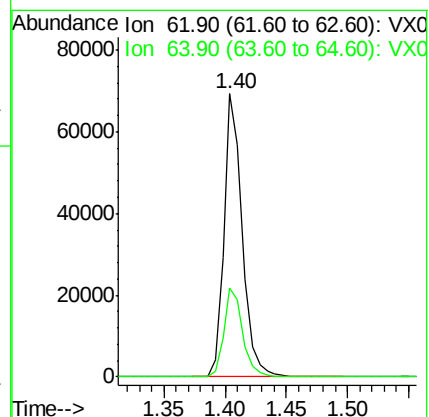
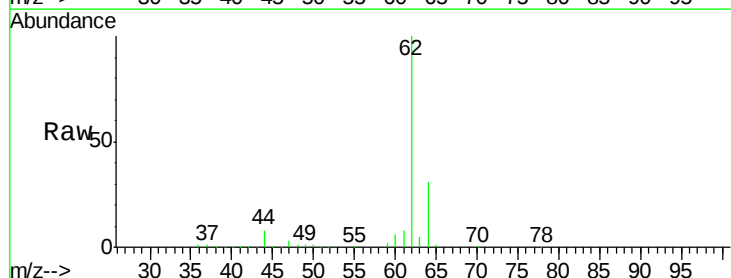
Acq: 20 Jul 2018 21:50

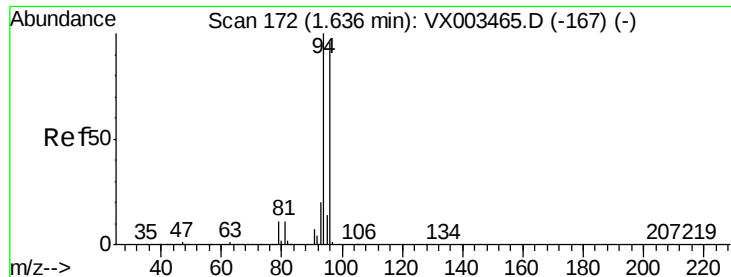
Tgt Ion: 62 Resp: 72327

Ion Ratio Lower Upper

62 100

64 31.2 25.4 38.2





#5

Bromomethane

Concen: 25.10 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

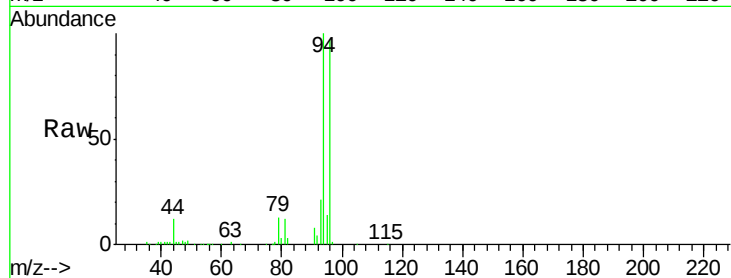
VX0720WBS03

Tot Ion: 94 Resp: 37111

Ion Ratio Lower Upper

94 100

96 96.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

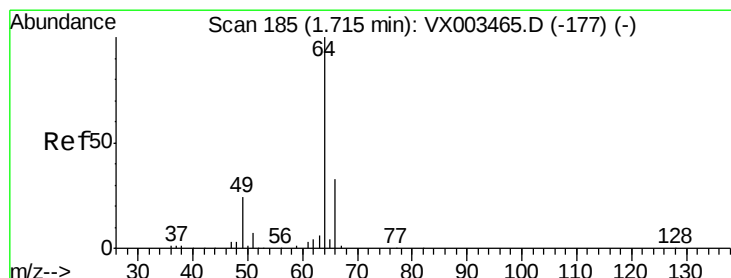
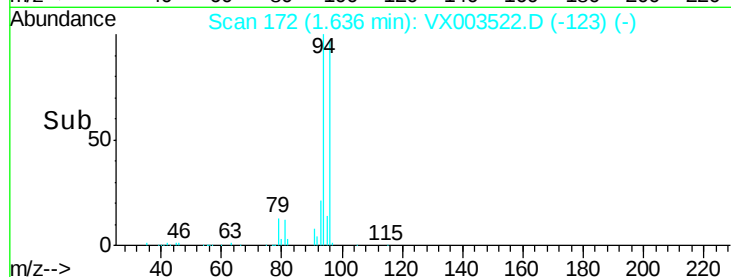
20000

10000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 21.54 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003522.D

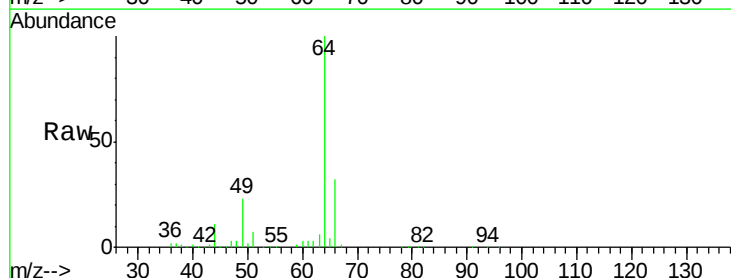
Acq: 20 Jul 2018 21:50

Tgt Ion: 64 Resp: 45164

Ion Ratio Lower Upper

64 100

66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

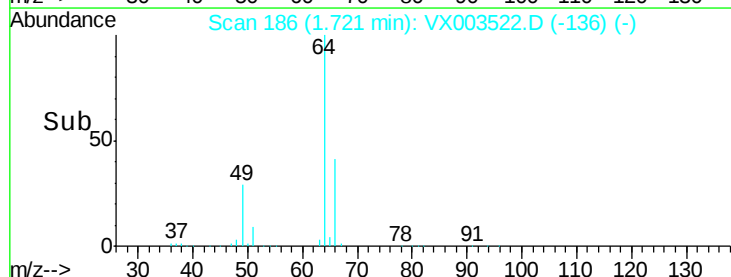
20000

10000

0

Time-->

1.65 1.70 1.75 1.80 1.85





#7

Trichlorofluoromethane

Concen: 21.13 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

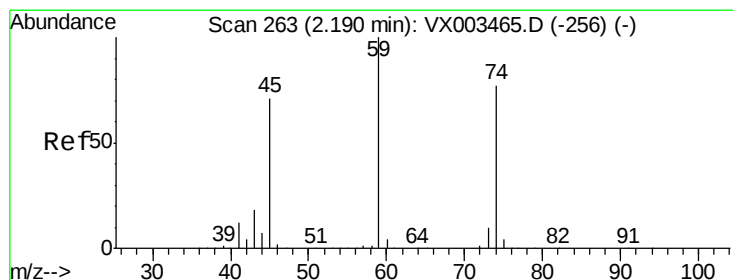
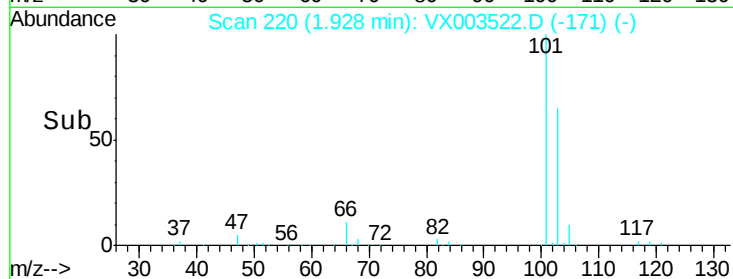
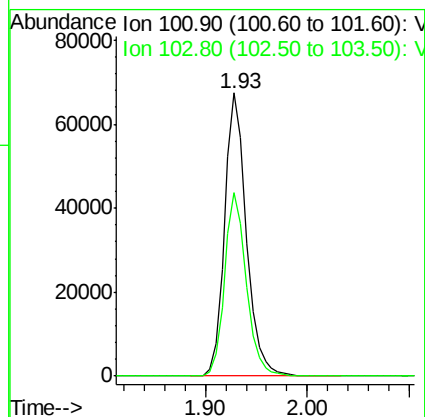
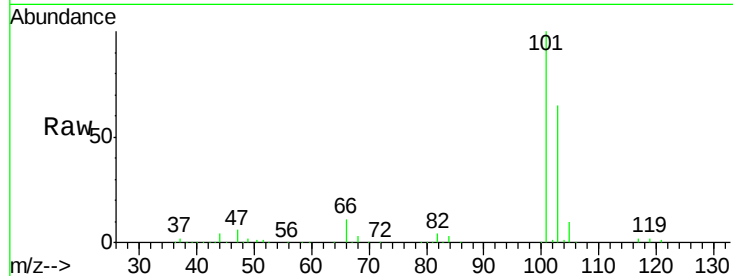
VX0720WBS03

Tot Ion:101 Resp: 99874

Ion Ratio Lower Upper

101 100

103 64.9 52.8 79.2



#8

Diethyl Ether

Concen: 21.03 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX003522.D

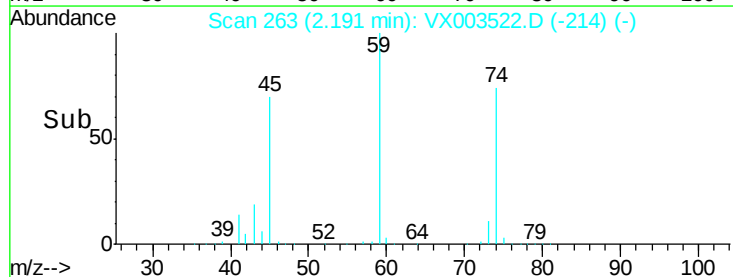
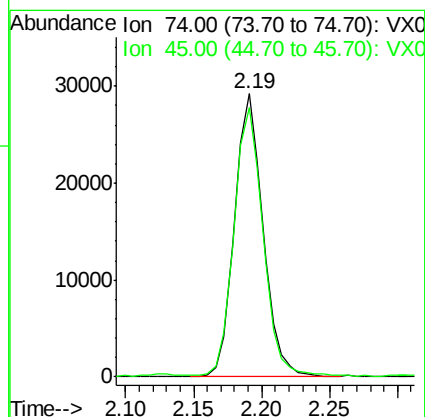
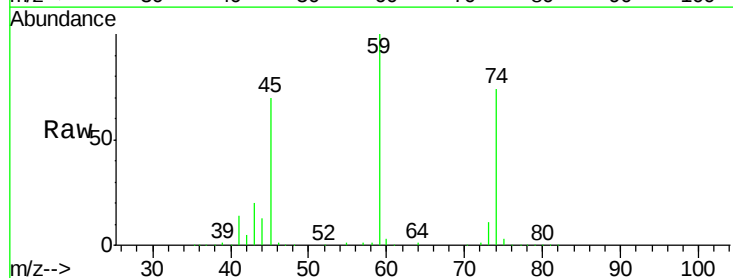
Acq: 20 Jul 2018 21:50

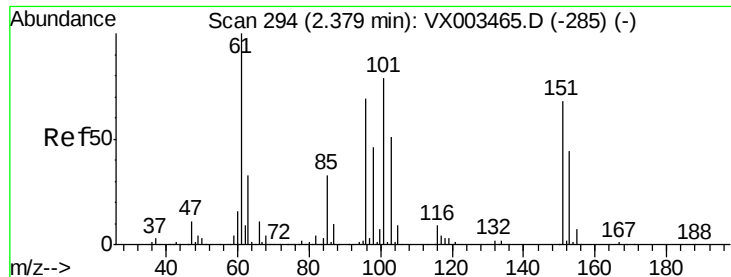
Tgt Ion: 74 Resp: 42695

Ion Ratio Lower Upper

74 100

45 96.0 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.09 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

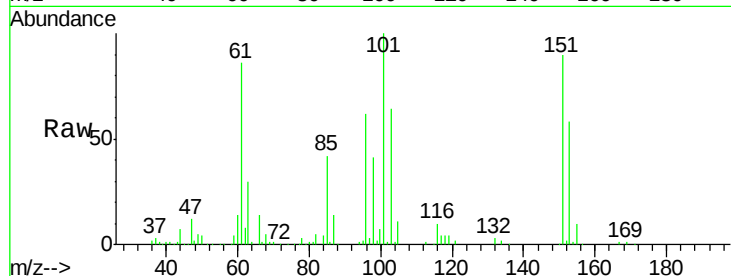
Tot Ion:101 Resp: 62162

Ion Ratio Lower Upper

101 100

85 42.4 36.0 54.0

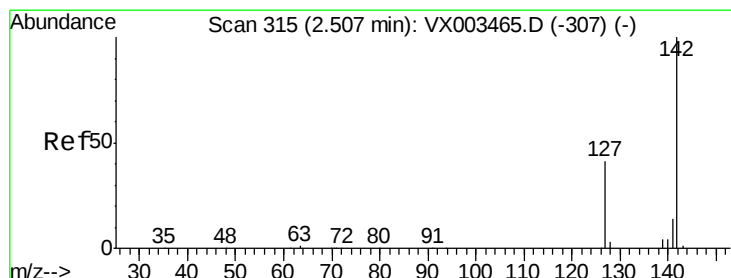
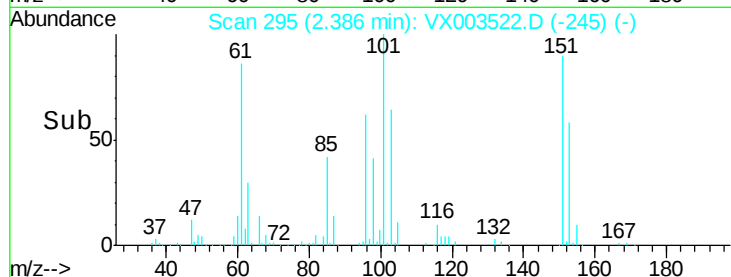
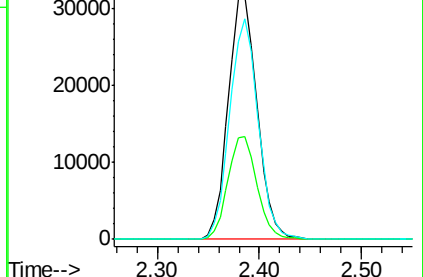
151 88.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.63 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

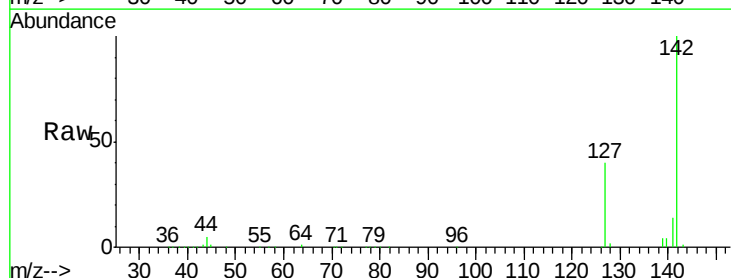
Tgt Ion:142 Resp: 76652

Ion Ratio Lower Upper

142 100

127 39.8 36.6 55.0

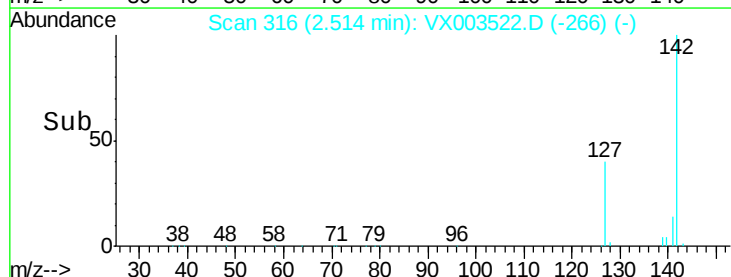
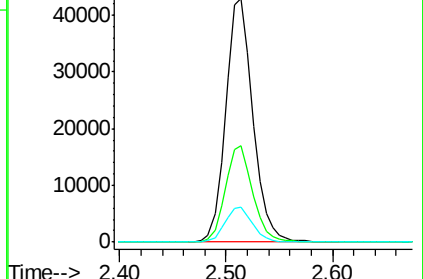
141 14.6 11.3 16.9

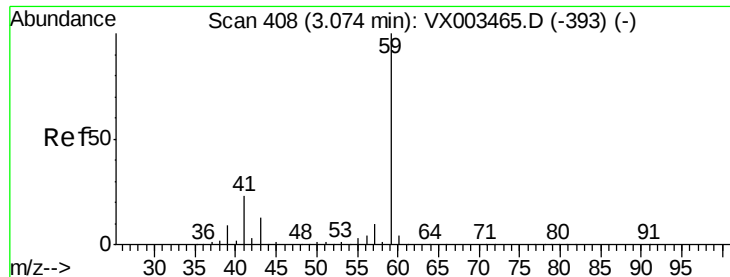


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

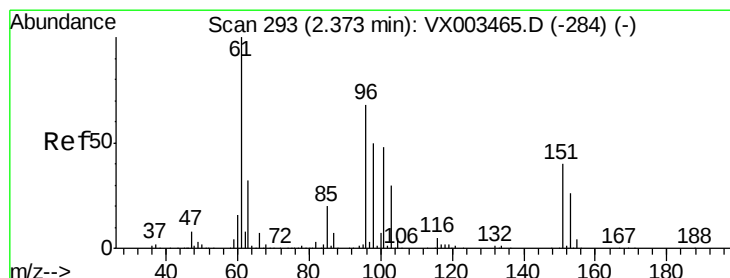
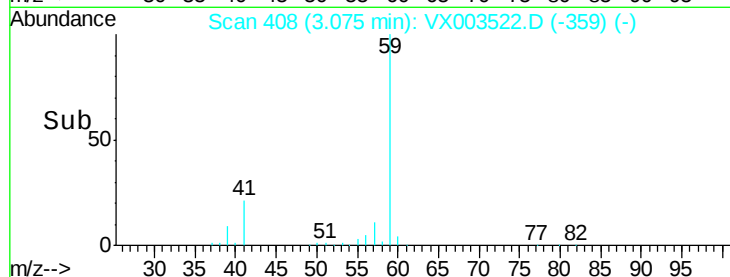
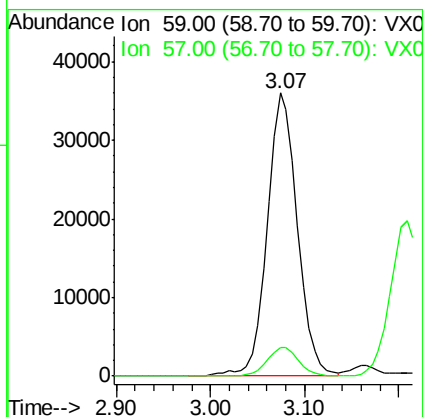
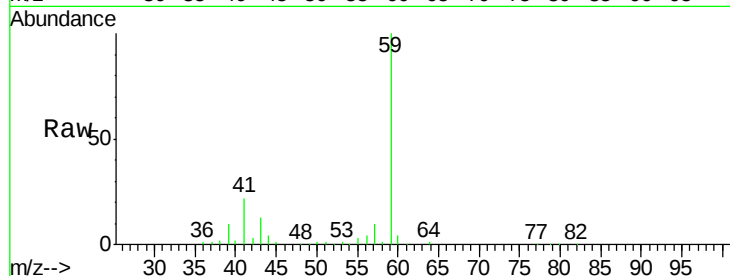




#11
Tert butyl alcohol
Concen: 123.54 ug/l
RT: 3.07 min Scan# 408
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

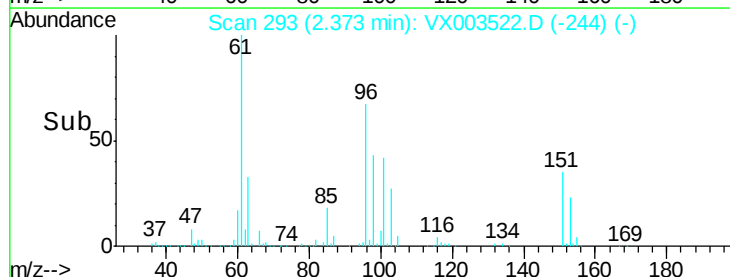
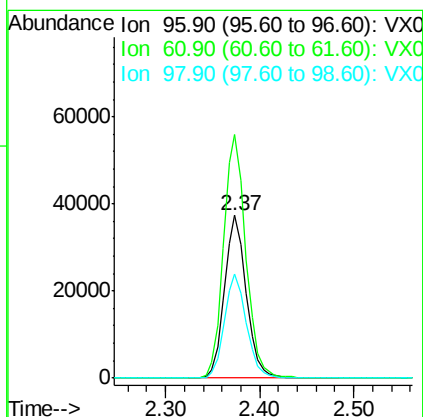
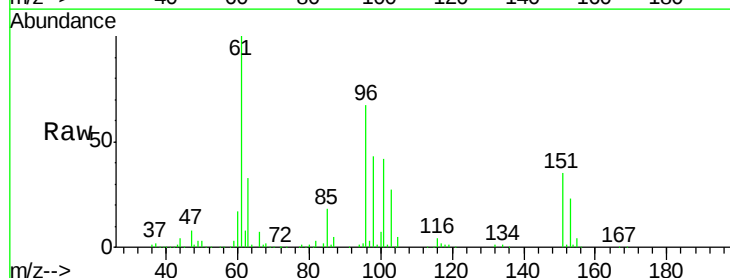
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

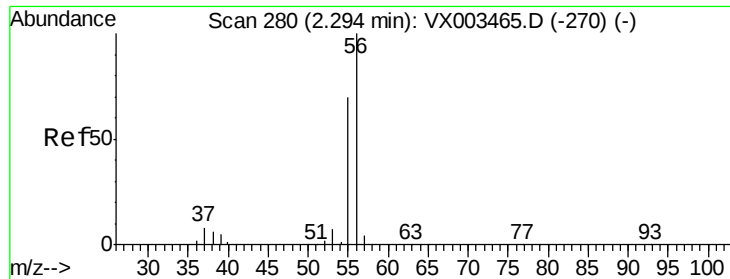
Tot Ion: 59 Resp: 80700
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 21.09 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 96 Resp: 60071
Ion Ratio Lower Upper
96 100
61 149.8 137.9 206.9
98 63.8 51.6 77.4

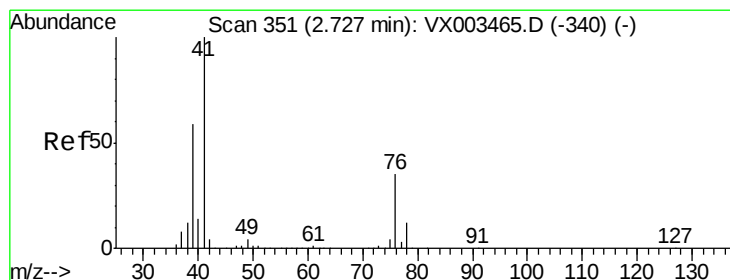
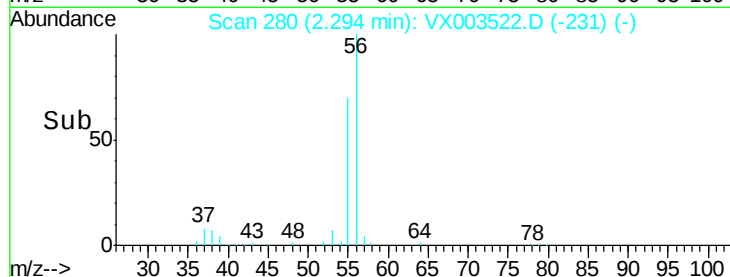
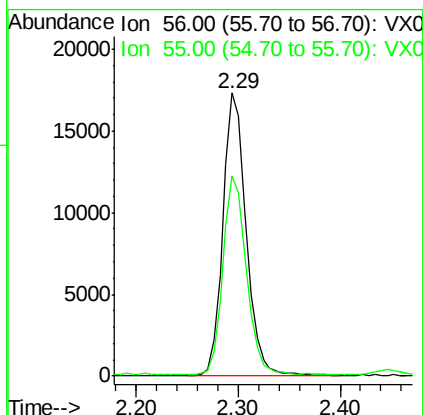
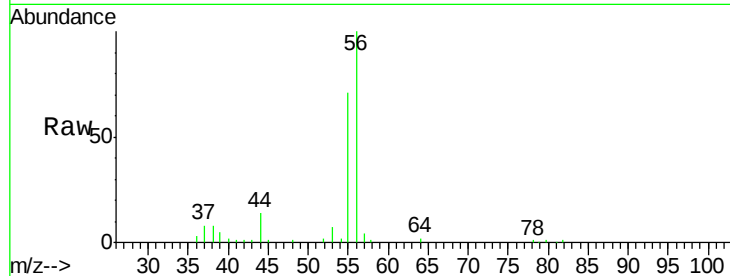




#13
 Acrolein
 Concen: 93.43 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

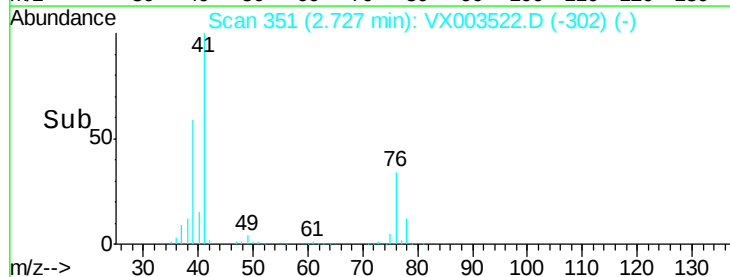
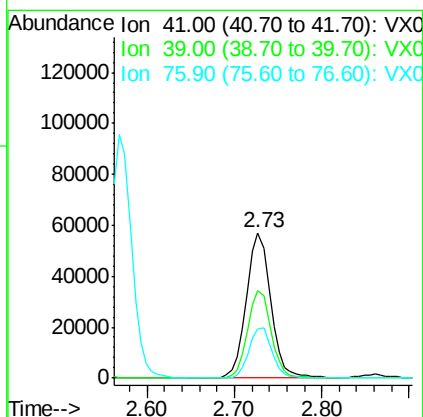
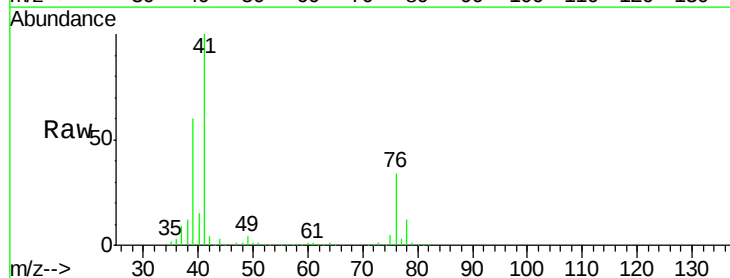
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Tot Ion: 56 Resp: 27576
 Ion Ratio Lower Upper
 56 100
 55 69.8 57.0 85.4



#14
 Allyl chloride
 Concen: 21.89 ug/l
 RT: 2.73 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 41 Resp: 110369
 Ion Ratio Lower Upper
 41 100
 39 57.6 56.8 85.2
 76 33.1 23.8 35.8





#15

Acrylonitrile

Concen: 115.40 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

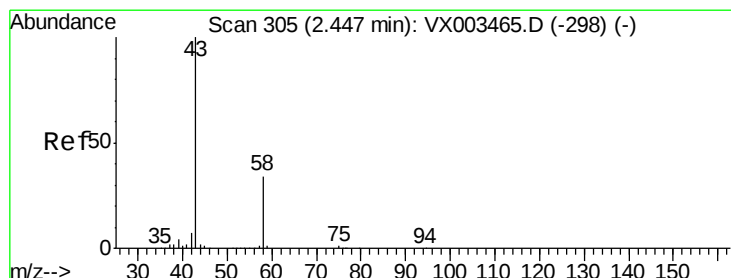
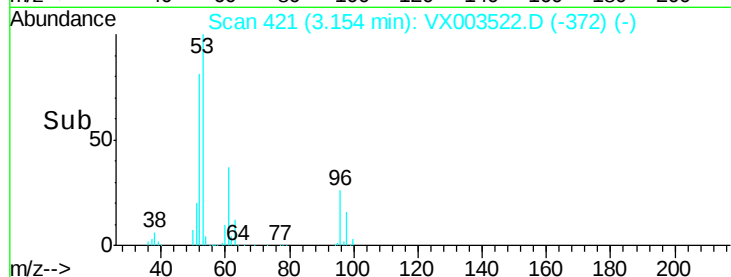
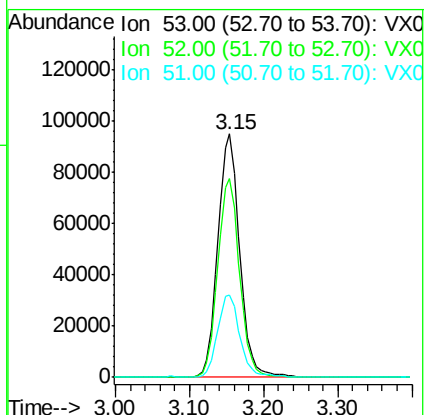
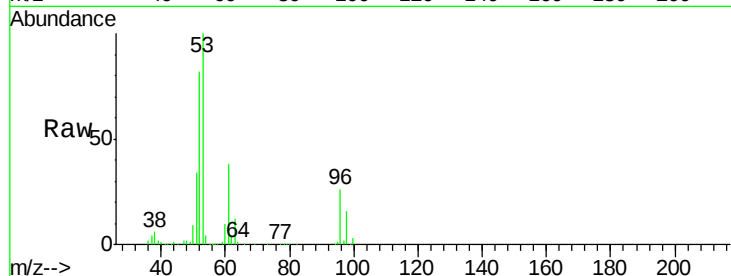
Tot Ion: 53 Resp: 191921

Ion Ratio Lower Upper

53 100

52 81.7 66.7 100.1

51 34.8 29.9 44.9



#16

Acetone

Concen: 119.45 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003522.D

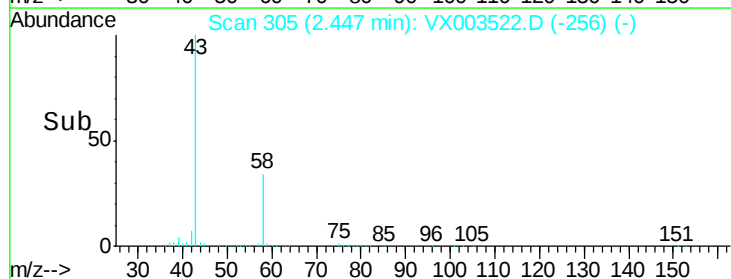
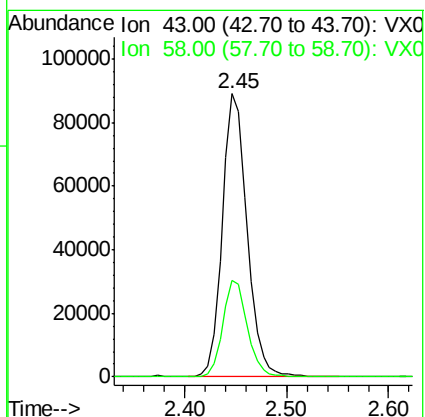
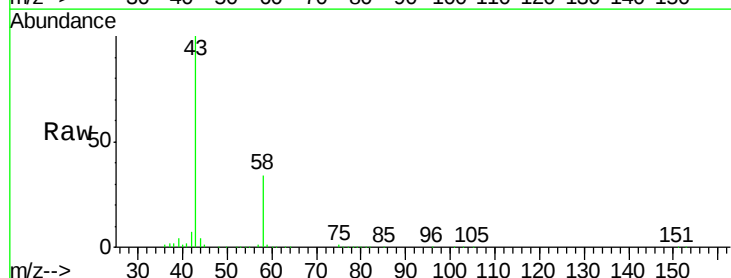
Acq: 20 Jul 2018 21:50

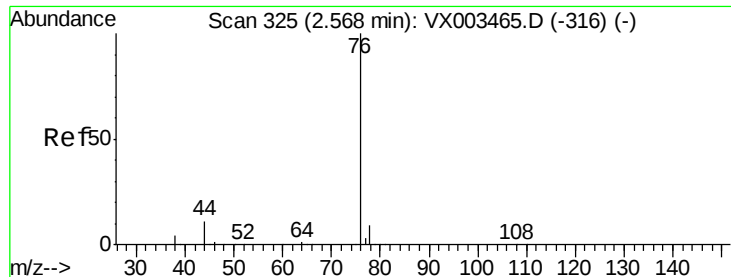
Tgt Ion: 43 Resp: 148944

Ion Ratio Lower Upper

43 100

58 34.2 22.1 33.1#

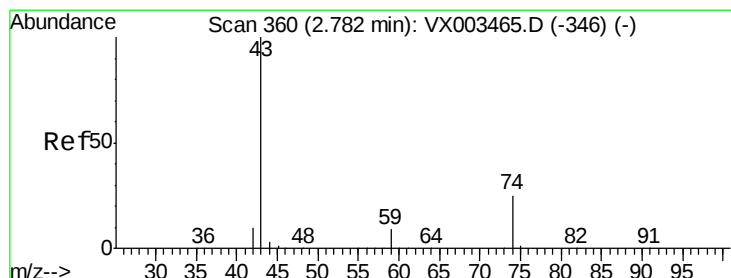
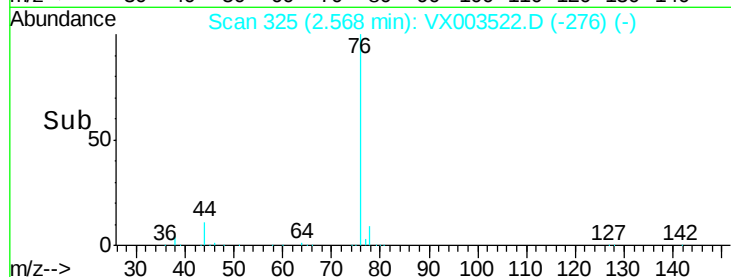
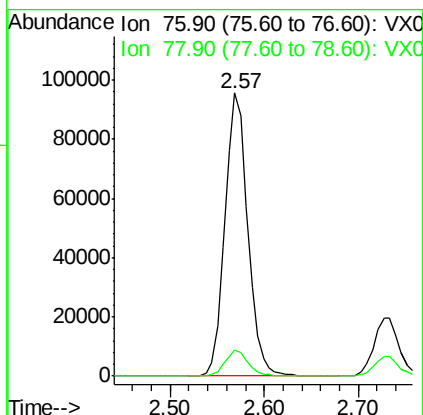
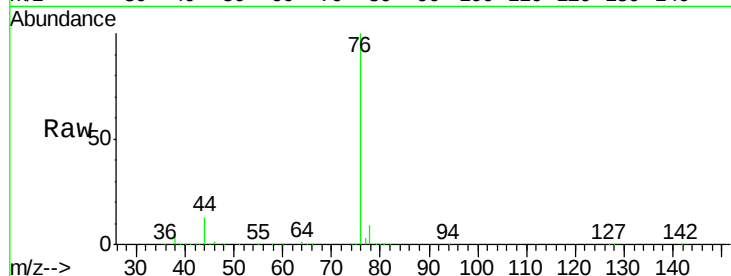




#17
Carbon Disulfide
Concen: 20.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

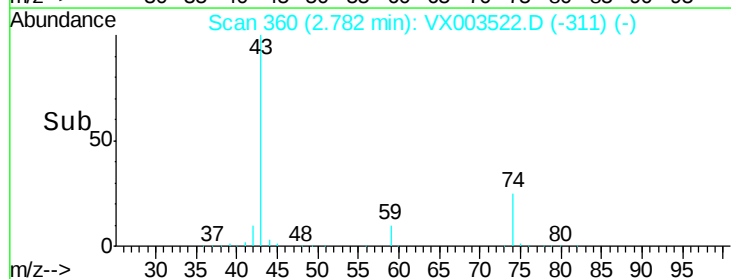
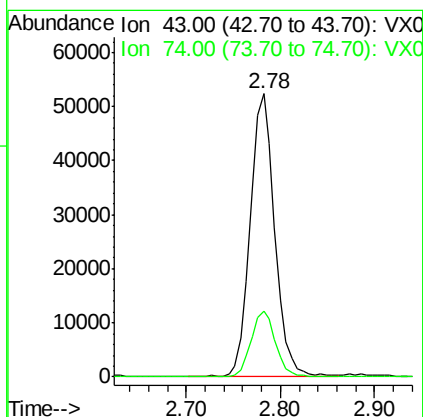
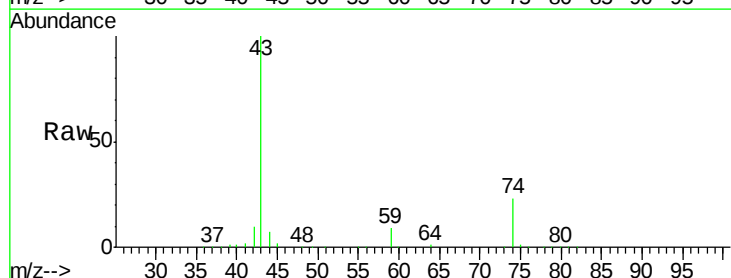
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

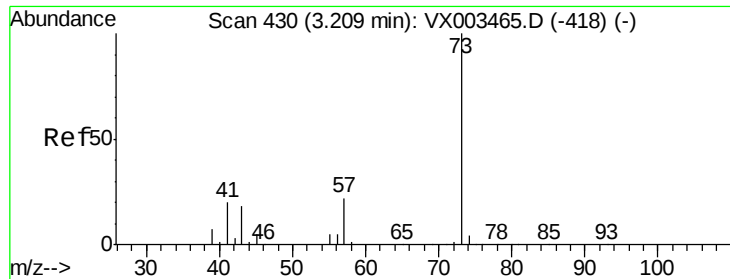
Tot Ion: 76 Resp: 160927
Ion Ratio Lower Upper
76 100
78 9.3 6.9 10.3



#18
Methyl Acetate
Concen: 24.37 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 43 Resp: 95807
Ion Ratio Lower Upper
43 100
74 23.5 16.7 25.1

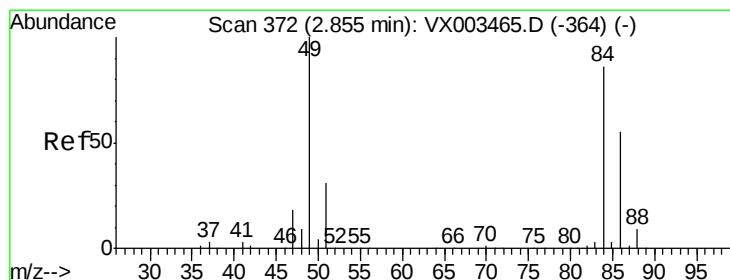
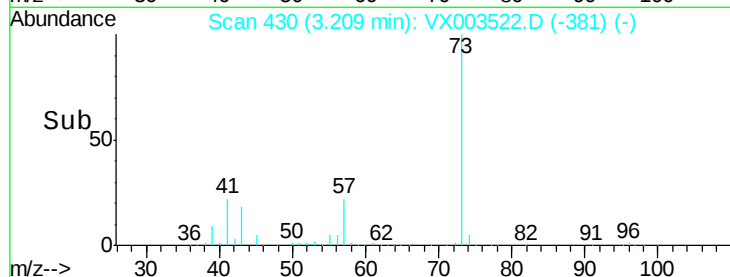
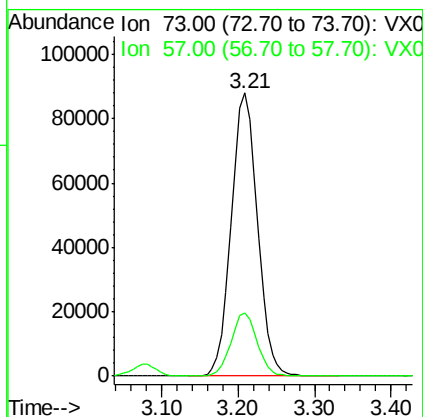
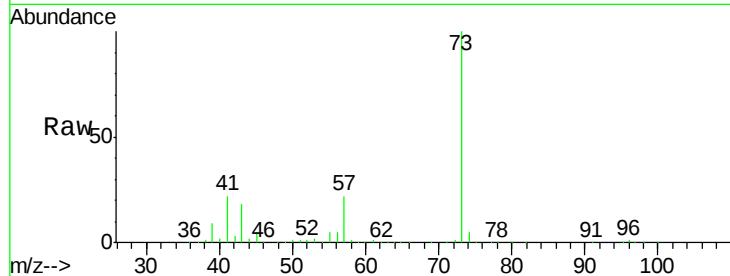




#19
Methyl tert-butyl Ether
Concen: 22.46 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

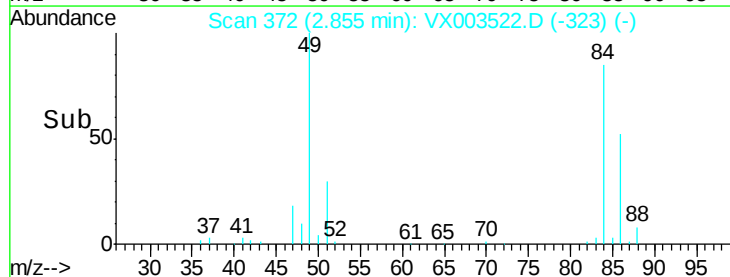
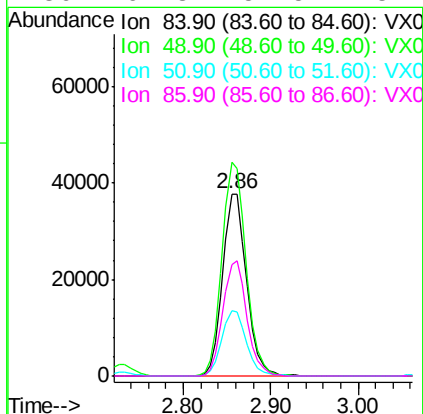
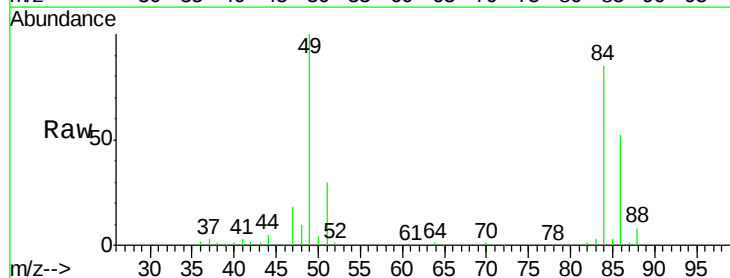
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

Tot Ion: 73 Resp: 208867
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 22.93 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 84 Resp: 71332
Ion Ratio Lower Upper
84 100
49 117.2 107.8 161.6
51 35.7 32.8 49.2
86 61.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 20.83 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

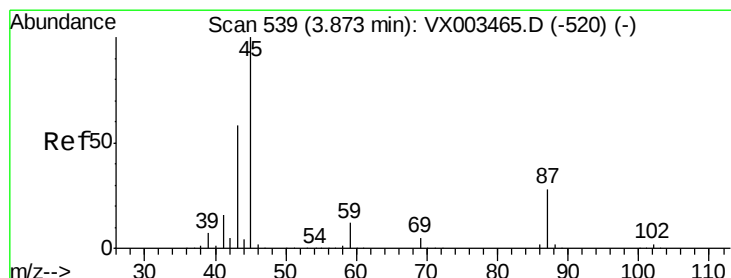
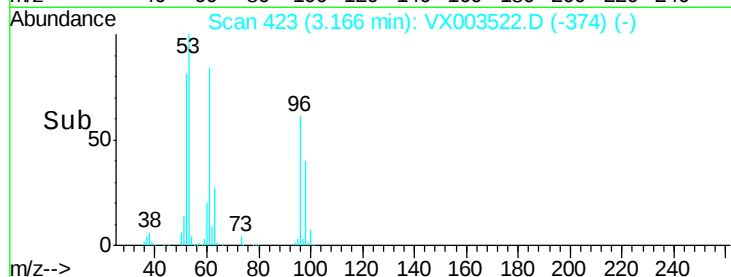
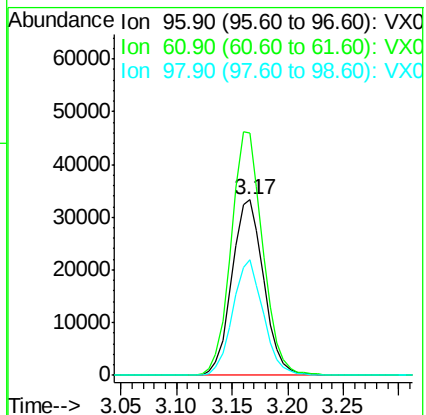
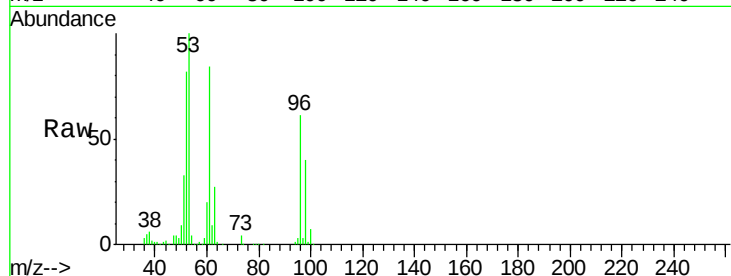
Tot Ion: 96 Resp: 66025

Ion Ratio Lower Upper

96 100

61 138.2 117.0 175.4

98 65.6 52.4 78.6



#22

Diisopropyl ether

Concen: 22.88 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Tgt Ion: 45 Resp: 217114

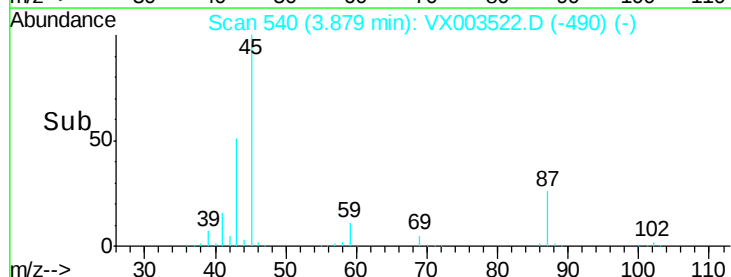
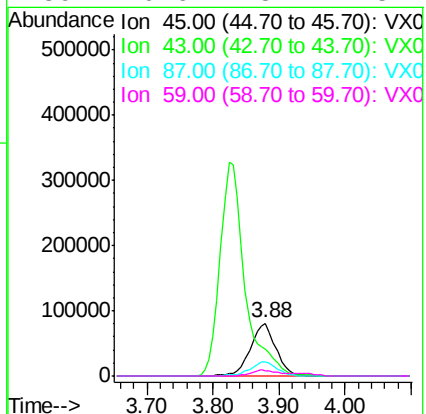
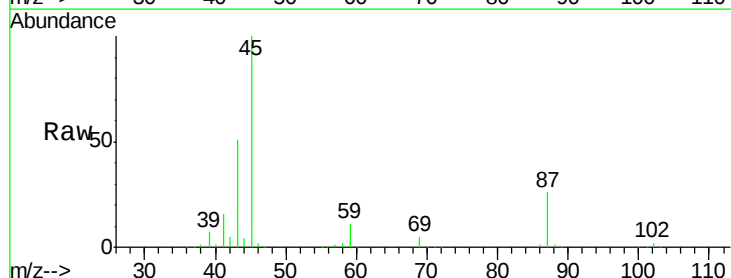
Ion Ratio Lower Upper

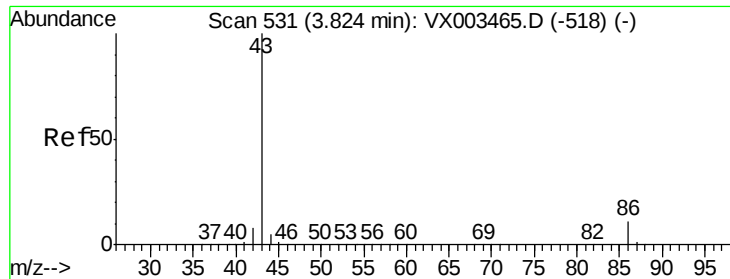
45 100

43 50.9 46.8 70.2

87 25.7 20.2 30.4

59 10.6 8.7 13.1

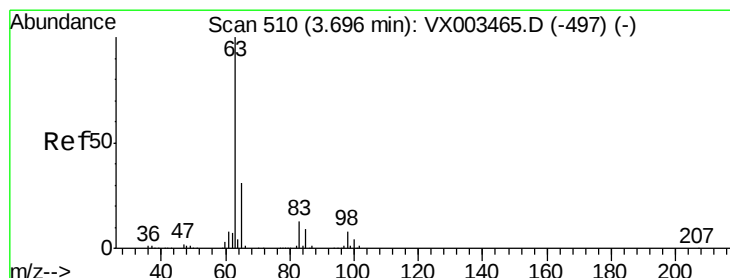
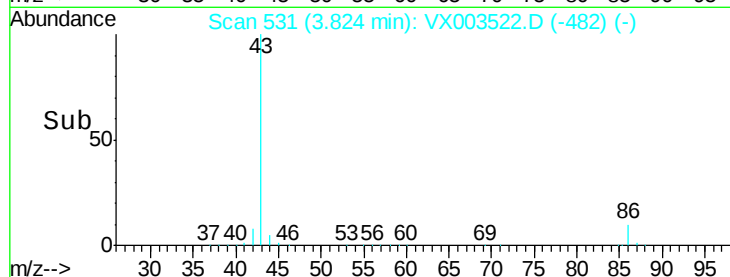
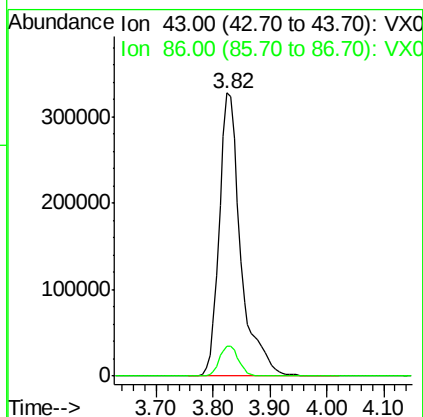
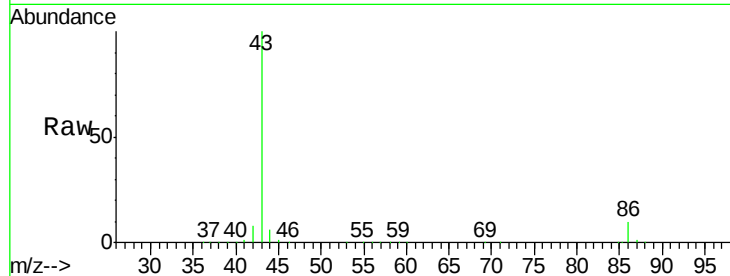




#23
 Vinyl Acetate
 Concen: 110.00 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

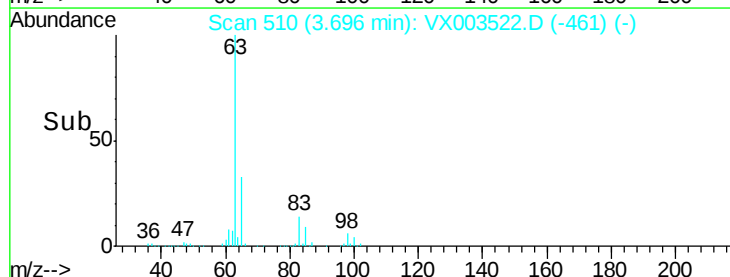
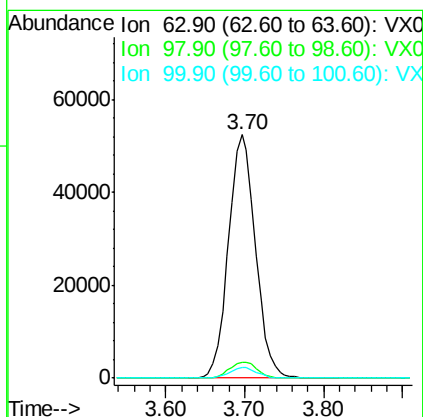
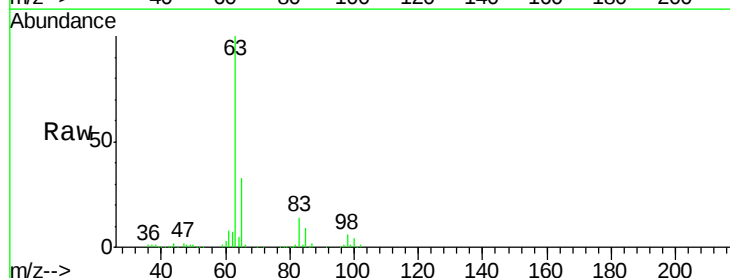
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

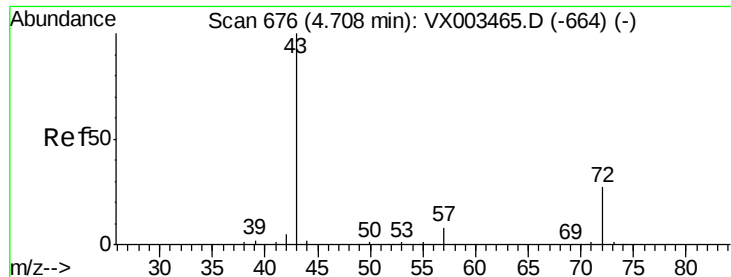
Tot Ion: 43 Resp: 859714
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 22.42 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 63 Resp: 124805
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.4 10.2
 100 4.5 2.0 6.0





#25

2-Butanone

Concen: 118.43 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

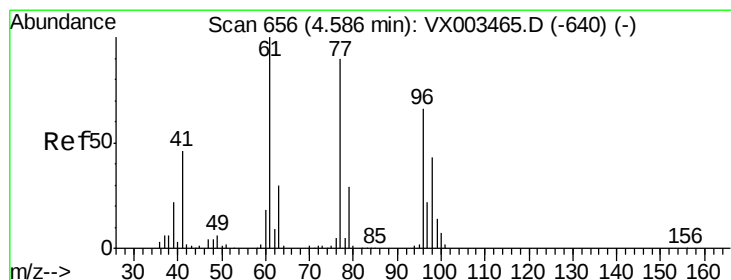
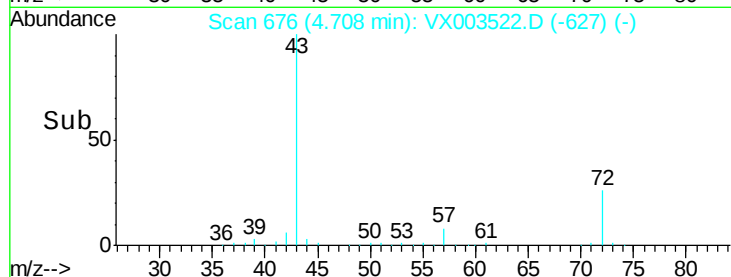
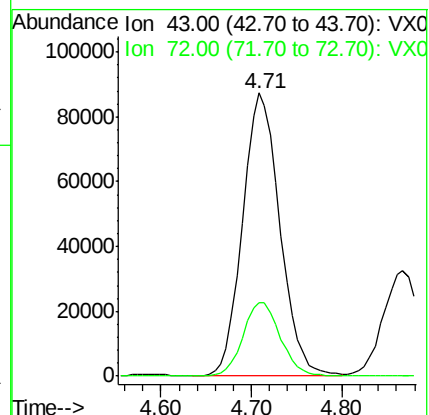
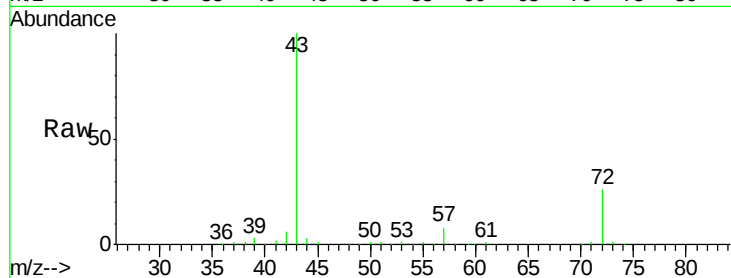
VX0720WBS03

Tot Ion: 43 Resp: 247768

Ion Ratio Lower Upper

43 100

72 25.9 18.5 27.7



#26

2,2-Dichloropropane

Concen: 17.59 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003522.D

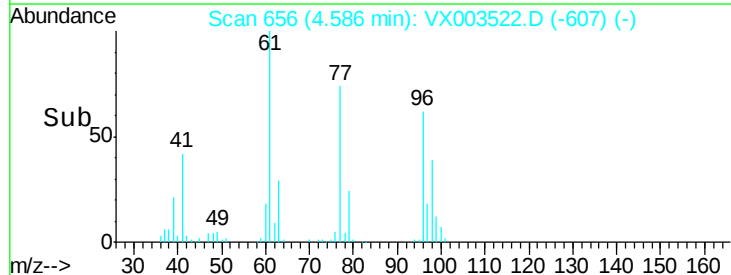
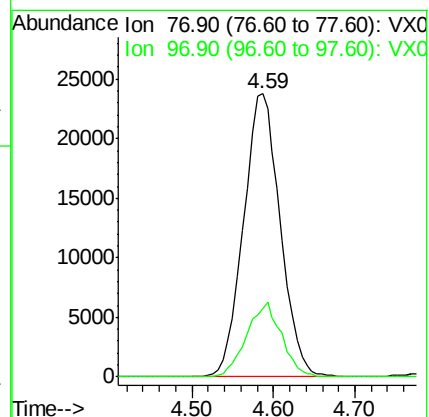
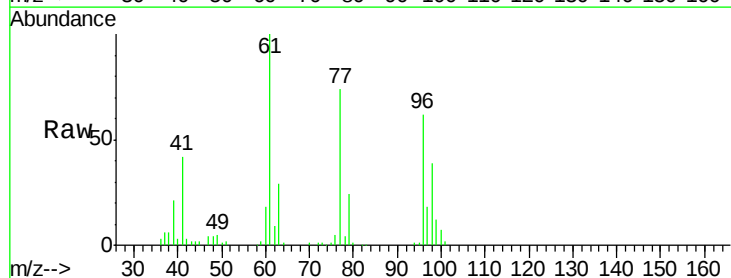
Acq: 20 Jul 2018 21:50

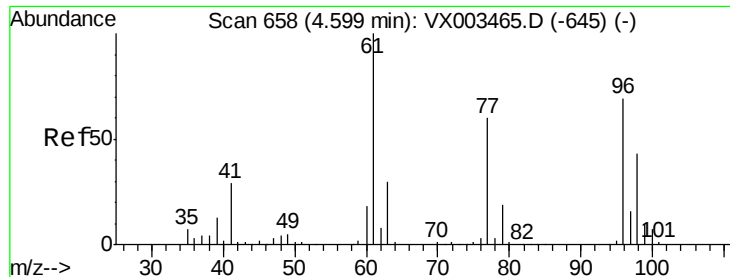
Tgt Ion: 77 Resp: 74381

Ion Ratio Lower Upper

77 100

97 25.0 11.2 33.5



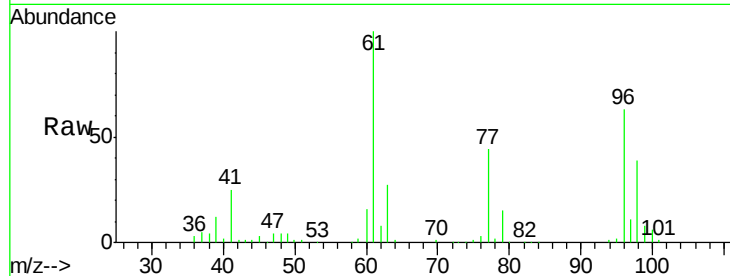


#27

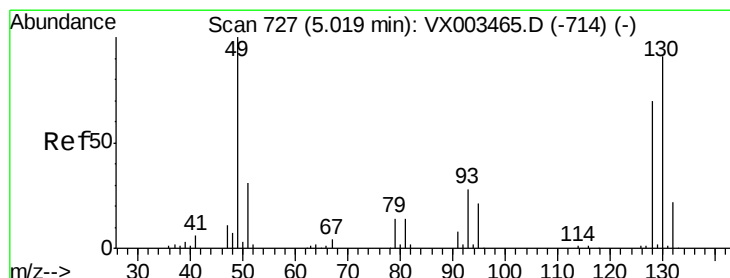
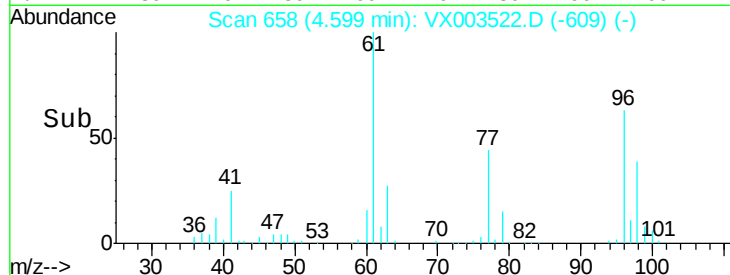
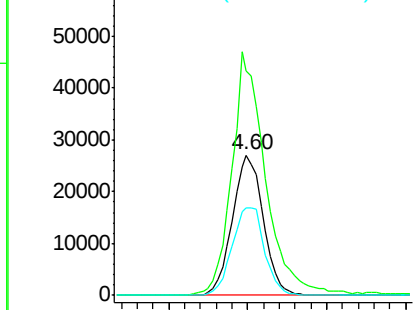
cis-1,2-Dichloroethene
 Concen: 20.92 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Tot Ion: 96 Resp: 73830
 Ion Ratio Lower Upper
 96 100
 61 189.0 0.0 330.2
 98 65.5 0.0 130.2



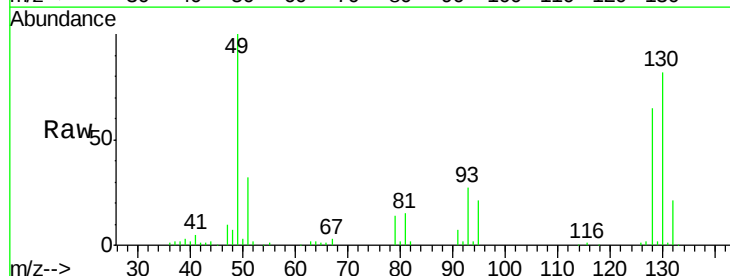
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



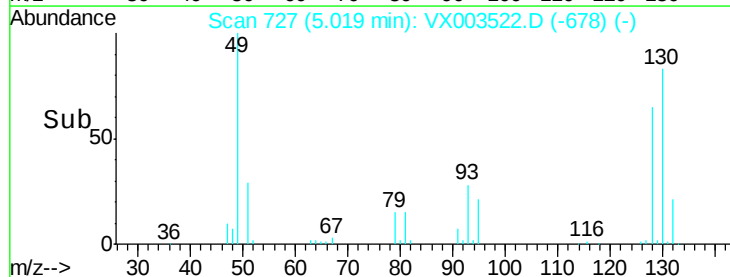
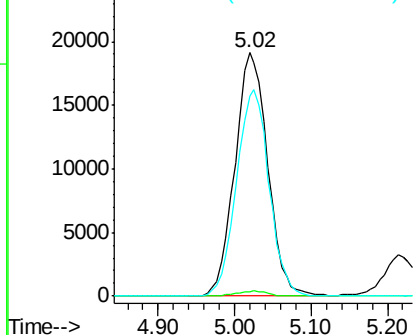
#28

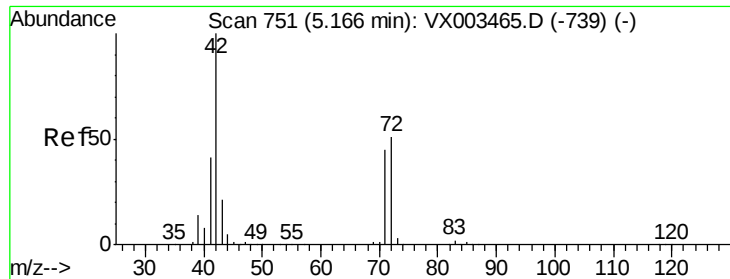
Bromochloromethane
 Concen: 23.38 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 49 Resp: 56890
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.2
 130 84.5 61.2 91.8



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

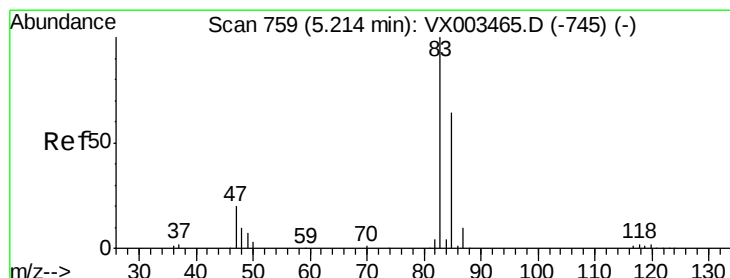
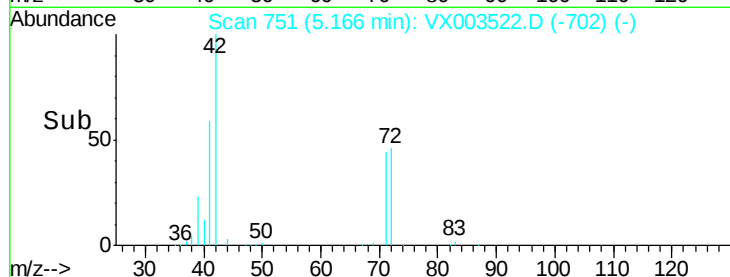
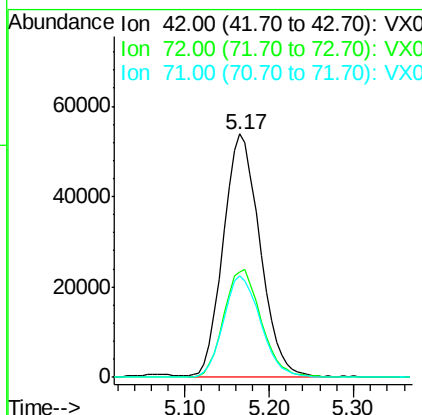
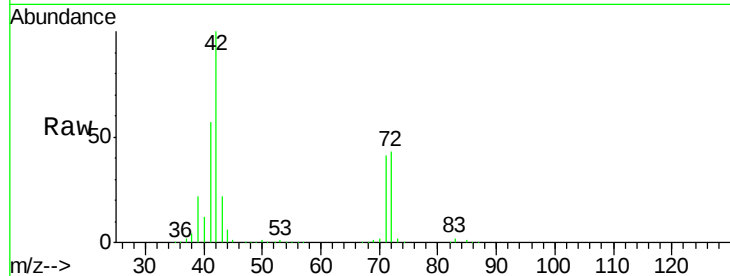




#29
Tetrahydrofuran
Concen: 115.22 ug/l
RT: 5.17 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

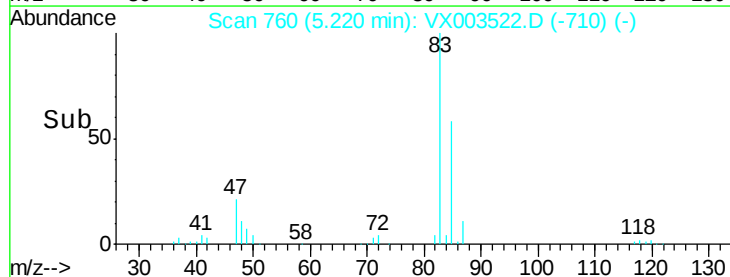
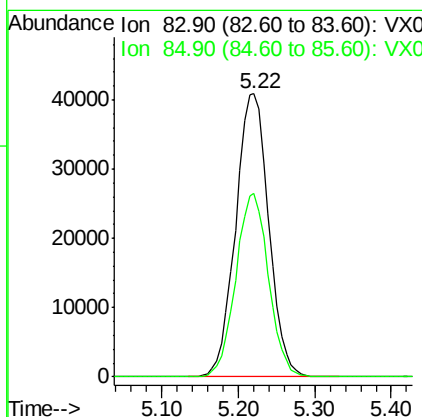
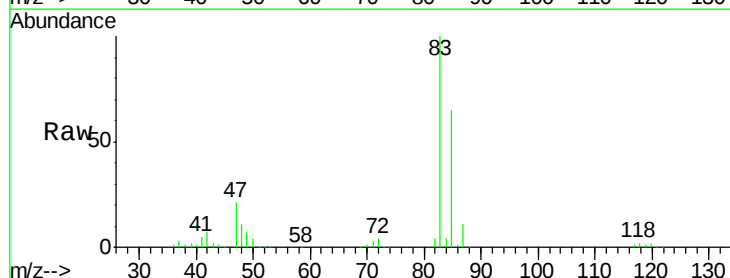
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

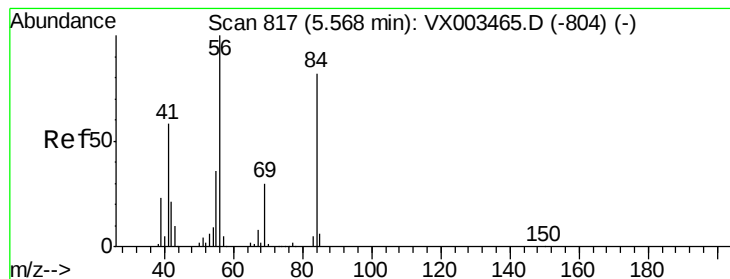
Tot Ion: 42 Resp: 159240
Ion Ratio Lower Upper
42 100
72 45.3 32.0 48.0
71 42.5 30.1 45.1



#30
Chloroform
Concen: 22.57 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 83 Resp: 122671
Ion Ratio Lower Upper
83 100
85 65.1 50.4 75.6





#31

Cyclohexane

Concen: 20.81 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

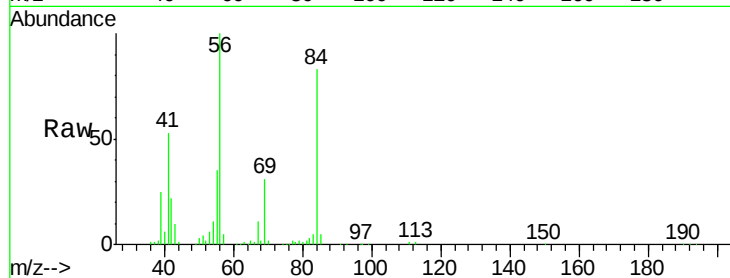
Tot Ion: 56 Resp: 103530

Ion Ratio Lower Upper

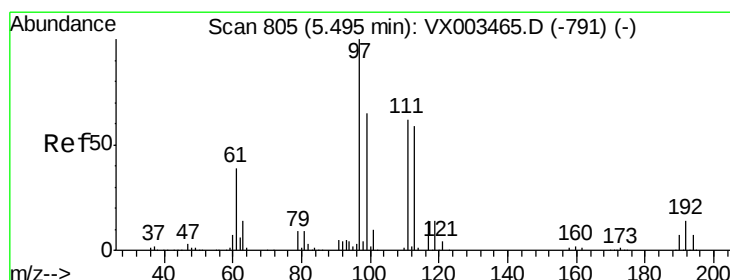
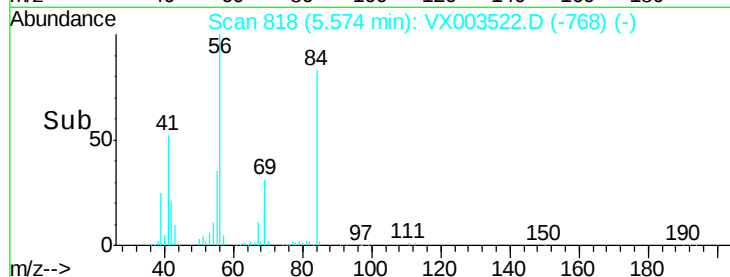
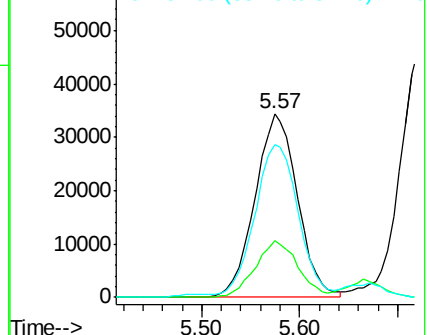
56 100

69 30.8 23.7 35.5

84 81.8 64.1 96.1



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 22.16 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

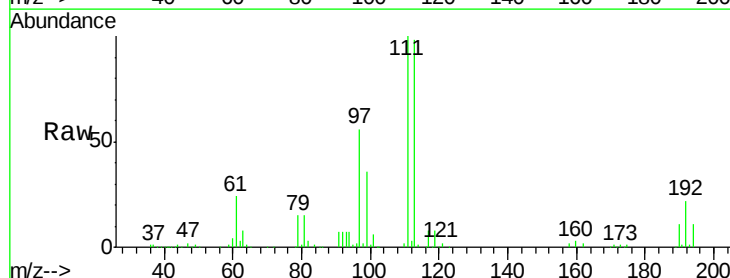
Tgt Ion: 97 Resp: 103133

Ion Ratio Lower Upper

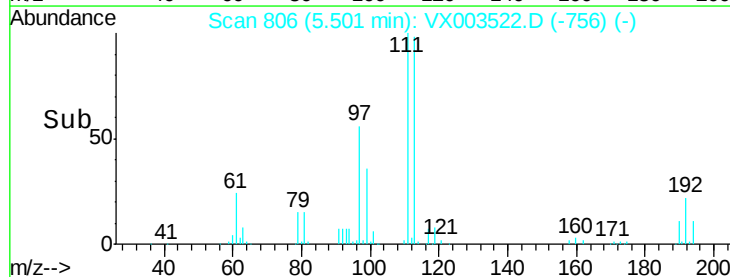
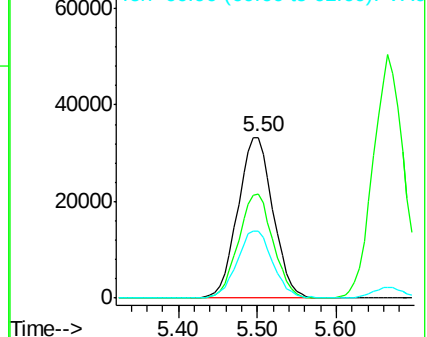
97 100

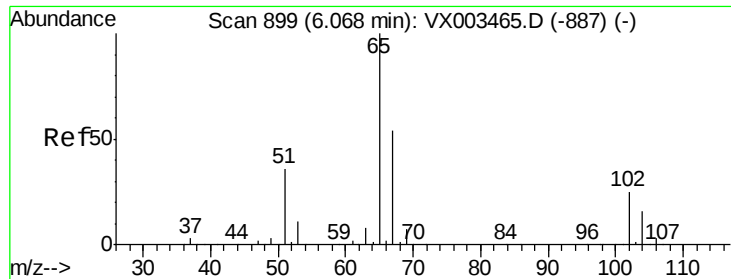
99 63.9 51.6 77.4

61 42.3 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 58.72 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

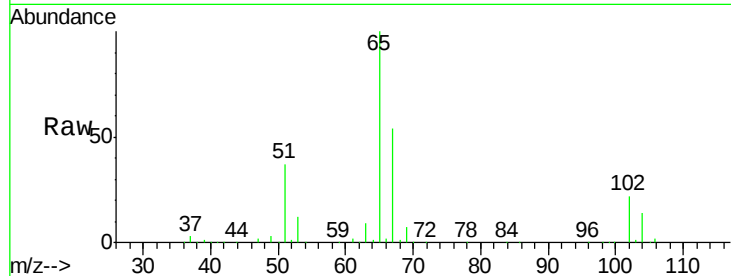
VX0720WBS03

Tot Ion: 65 Resp: 193858

Ion Ratio Lower Upper

65 100

67 54.1 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

80000

60000

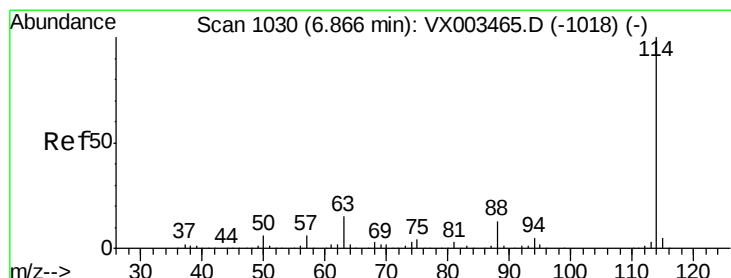
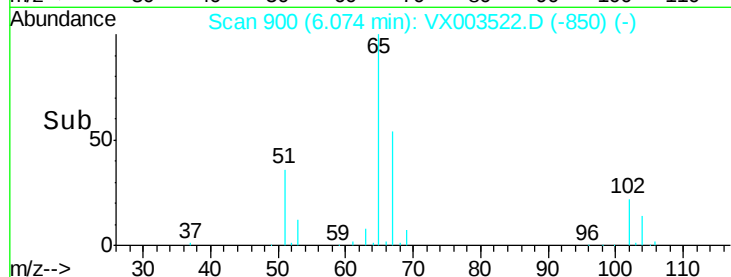
40000

20000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

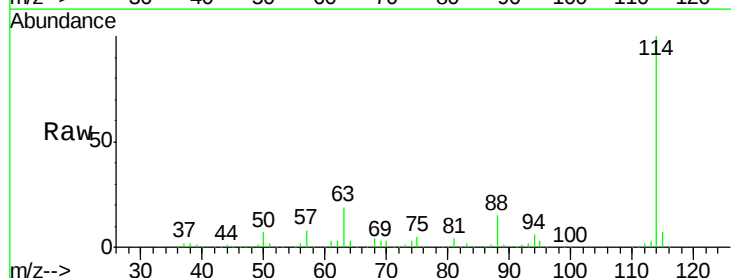
Tgt Ion: 114 Resp: 405450

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

200000

150000

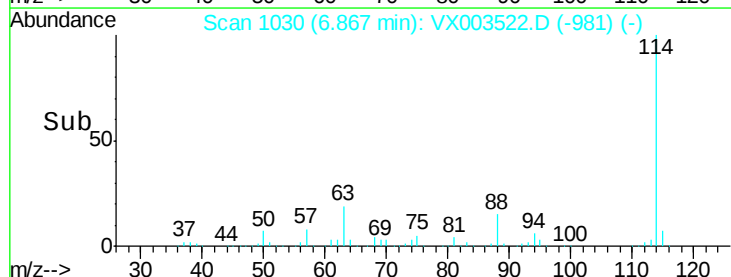
100000

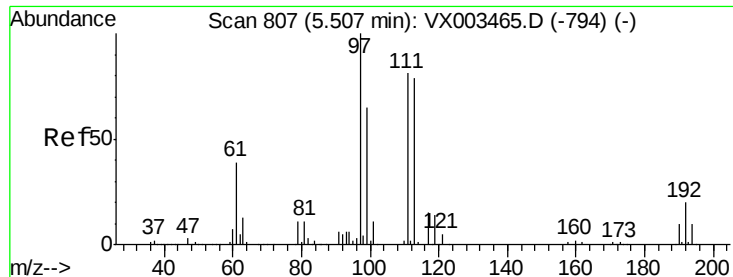
50000

0

6.70 6.80 6.90 7.00 7.10

Time-->

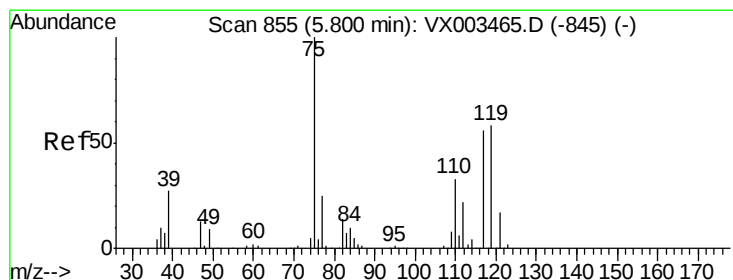
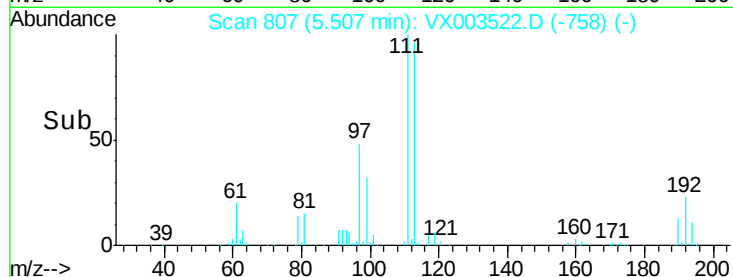
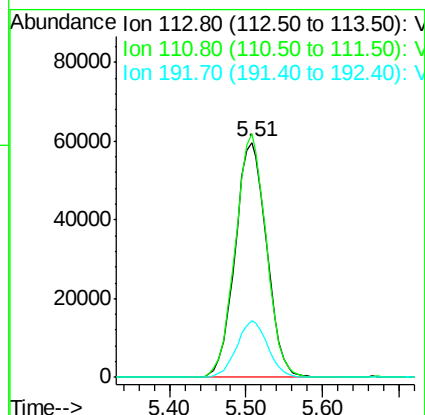
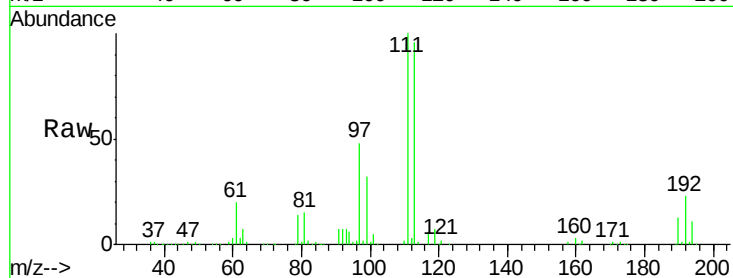




#35
Dibromofluoromethane
Concen: 55.15 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

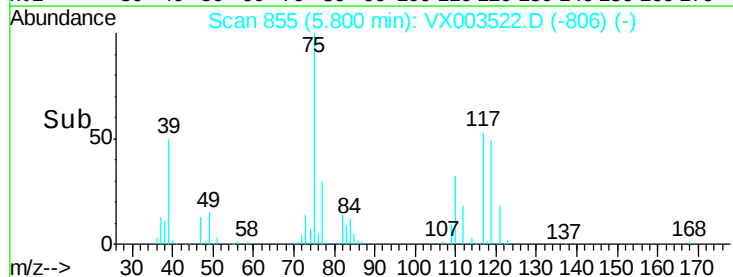
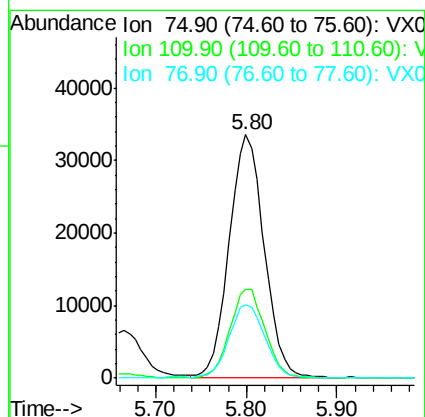
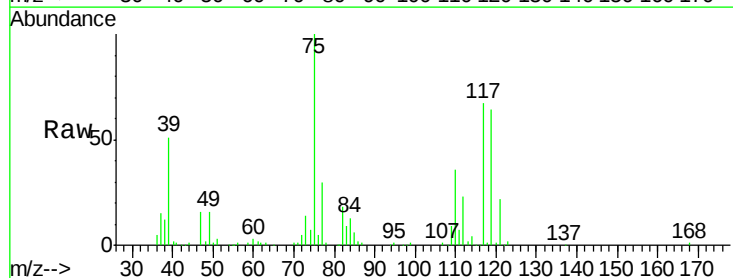
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

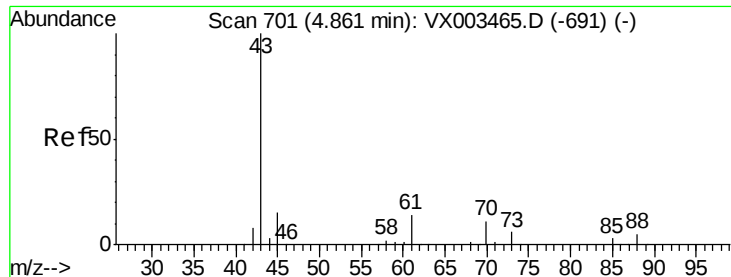
Tot Ion:113 Resp: 170301
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 23.7 19.1 28.7



#36
1,1-Dichloropropene
Concen: 20.40 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 75 Resp: 89296
Ion Ratio Lower Upper
75 100
110 36.9 18.1 54.4
77 31.5 24.3 36.5

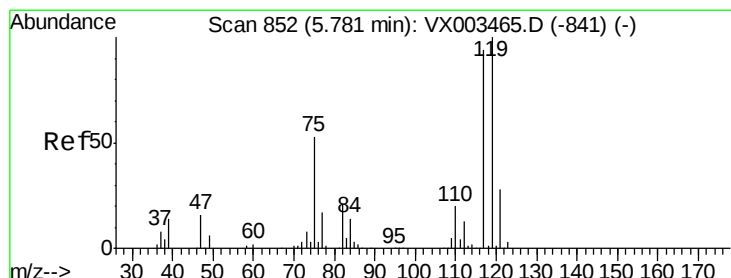
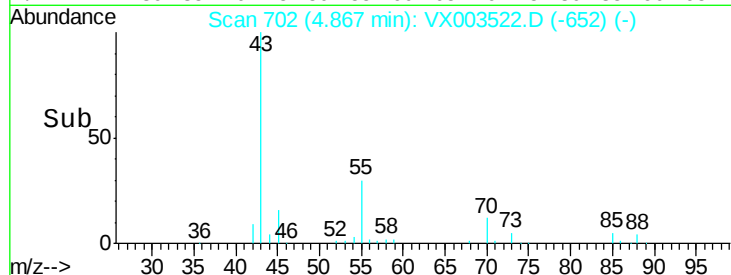
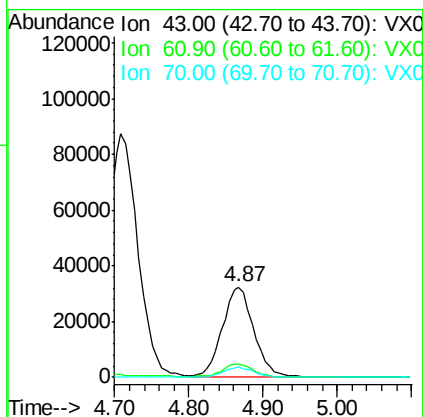
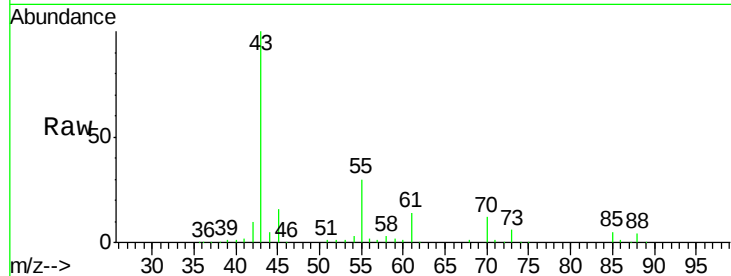




#37
Ethyl Acetate
Concen: 22.90 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.01 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

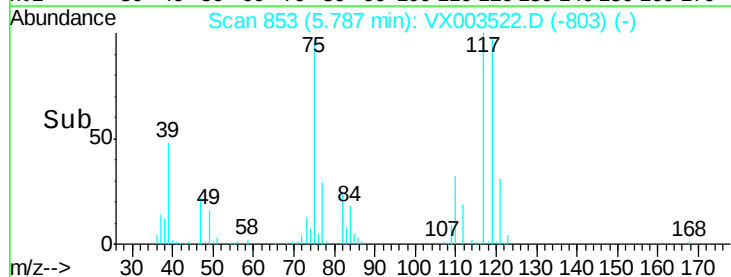
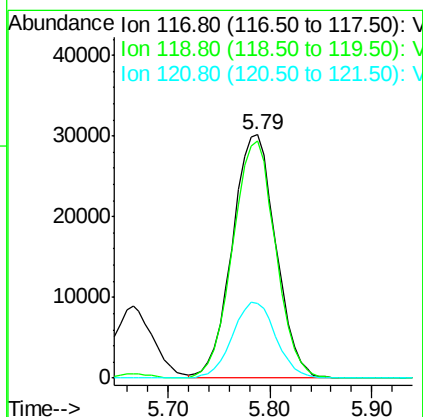
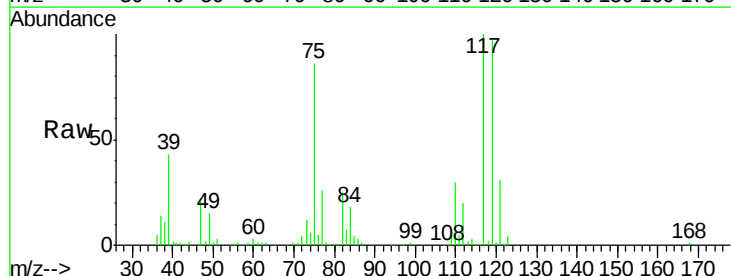
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS03

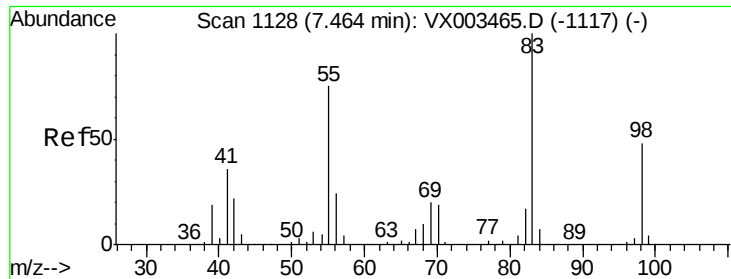
Tot Ion: 43 Resp: 94862
Ion Ratio Lower Upper
43 100
61 15.2 10.4 15.6
70 10.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.76 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.01 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 117 Resp: 89156
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 30.7 24.4 36.6

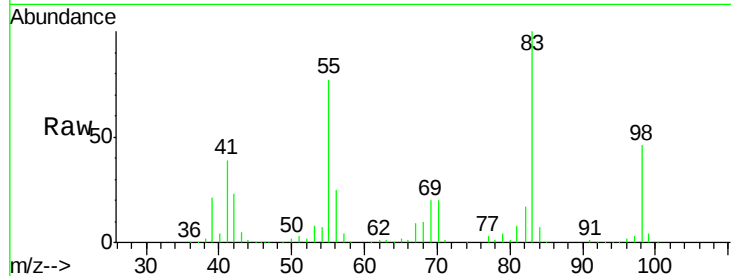




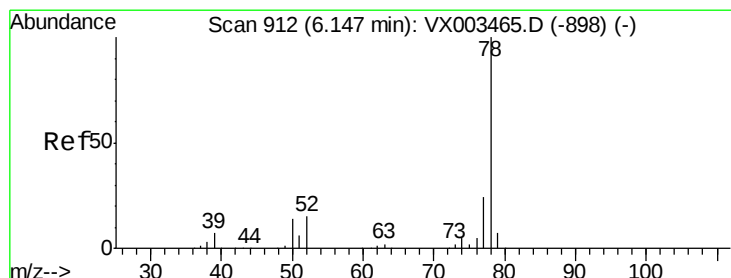
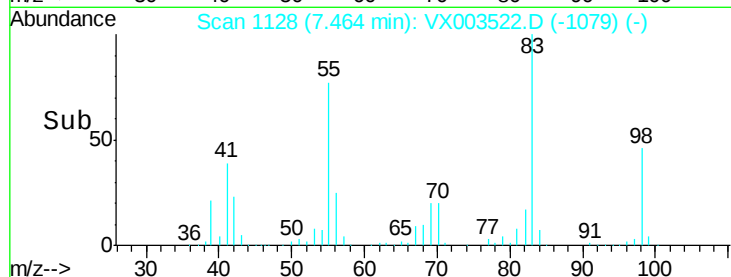
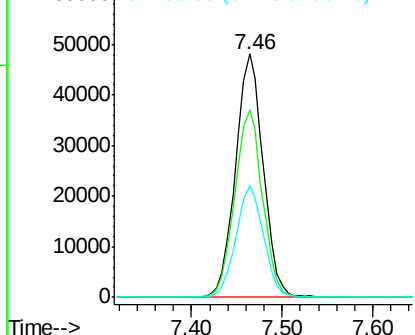
#39
Methvlcvclohexane
Concen: 19.58 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

Tot Ion: 83 Resp: 101508
Ion Ratio Lower Upper
83 100
55 76.8 65.4 98.0
98 46.0 37.4 56.0

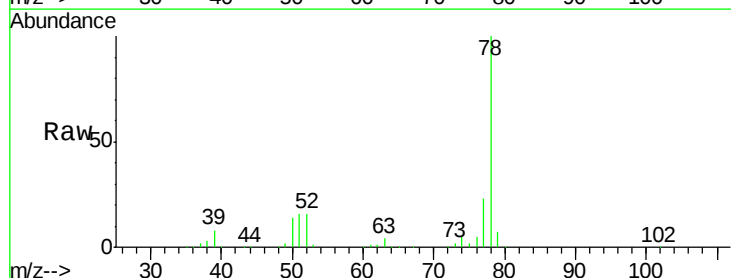


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

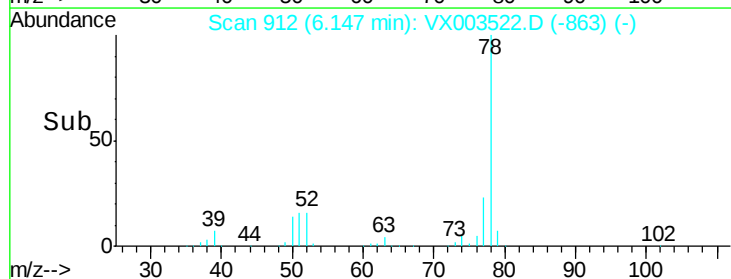
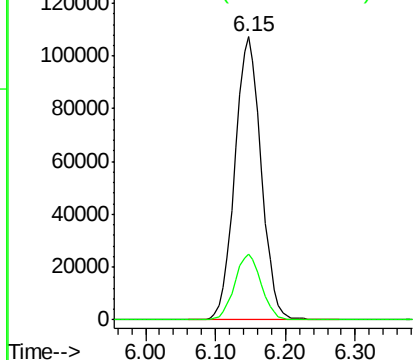


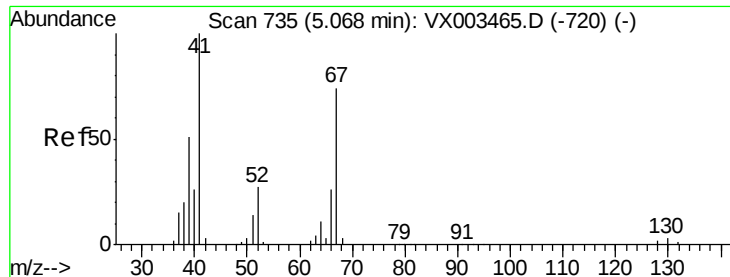
#40
Benzene
Concen: 21.17 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 78 Resp: 279860
Ion Ratio Lower Upper
78 100
77 23.0 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

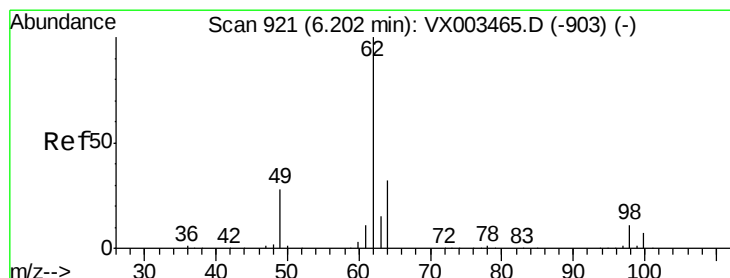
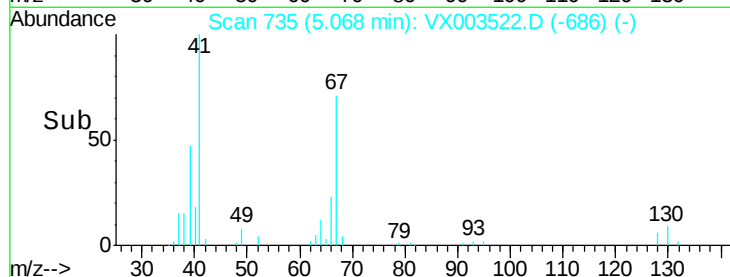
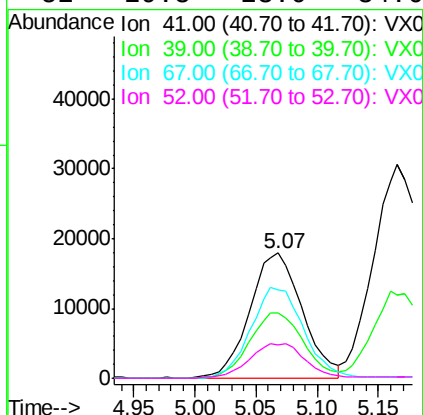
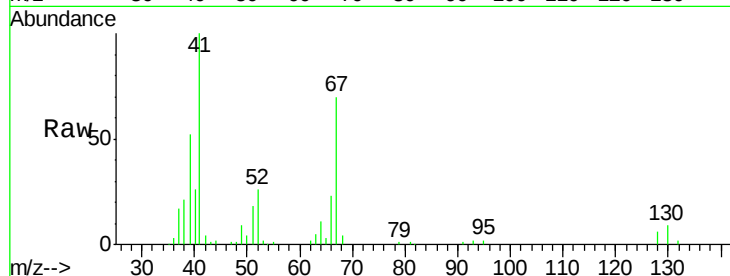




#41
Methacrylonitrile
Concen: 21.88 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

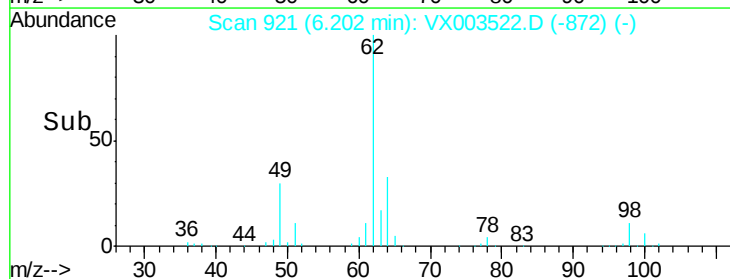
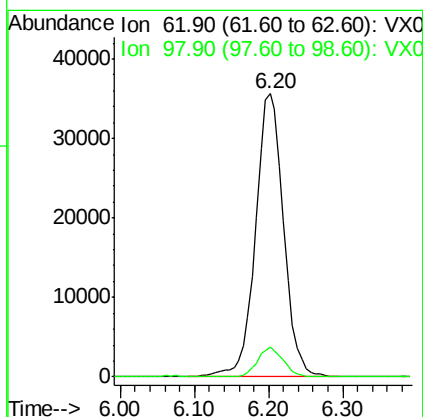
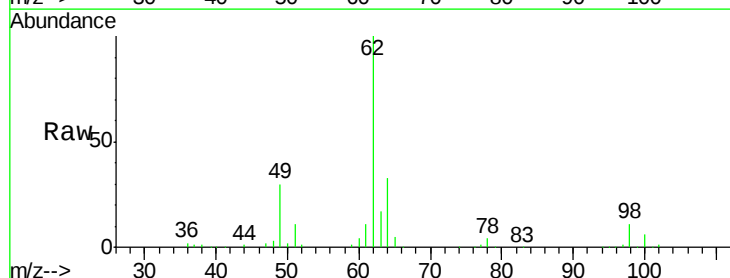
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

Tot Ion:	41	Resp:	53267
Ion	Ratio	Lower	Upper
41	100		
39	54.0	45.8	68.6
67	74.2	51.3	76.9
52	29.8	23.0	34.6



#42
1,2-Dichloroethane
Concen: 22.47 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:	62	Resp:	93581
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	16.6



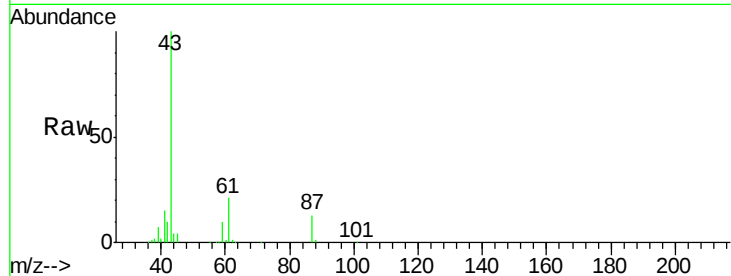


#43

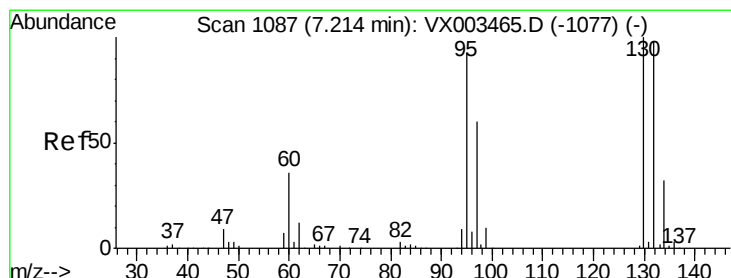
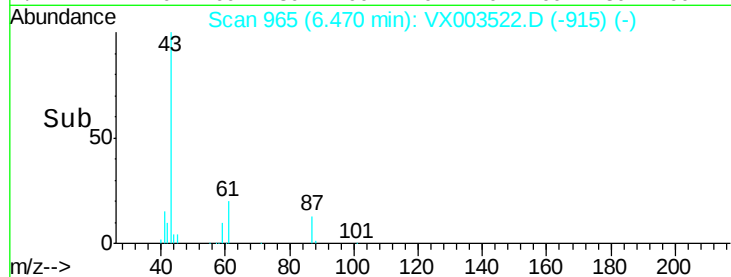
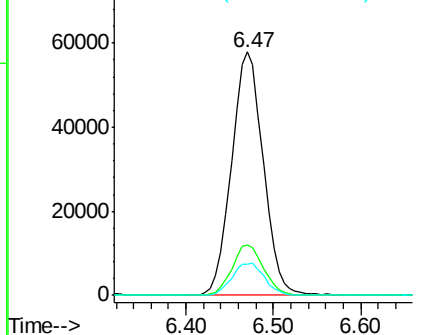
Isopropyl Acetate
 Concen: 22.05 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Tot Ion	43	Resp	145325
Ion Ratio	Lower	Upper	
43	100		
61	20.6	14.4	21.6
87	13.8	9.5	14.3



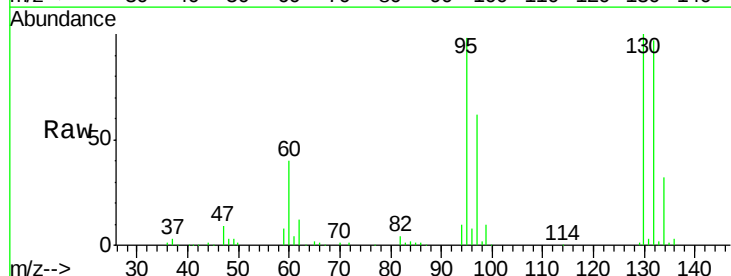
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



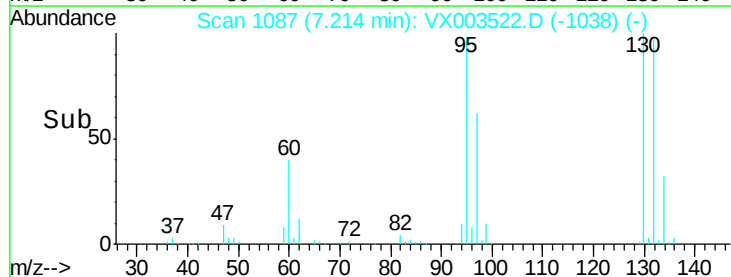
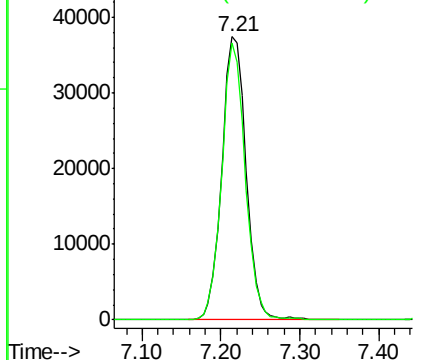
#44

Trichloroethene
 Concen: 20.46 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion	130	Resp	80654
Ion Ratio	Lower	Upper	
130	100		
95	98.0	0.0	185.4



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.60 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

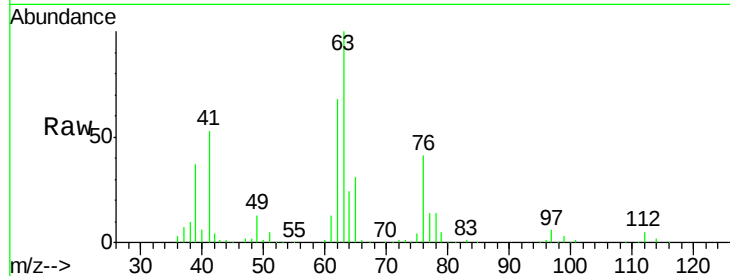
VX0720WBS03

Tot Ion: 63 Resp: 72476

Ion Ratio Lower Upper

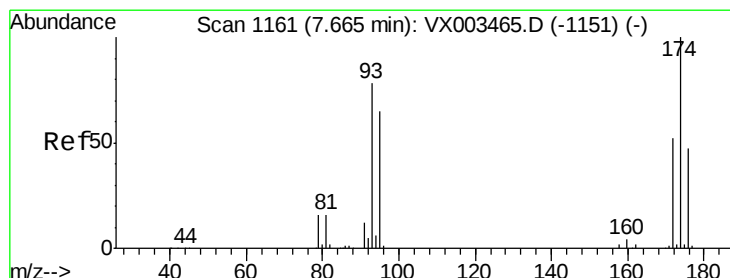
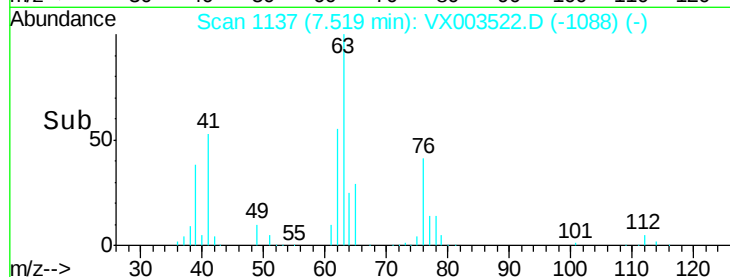
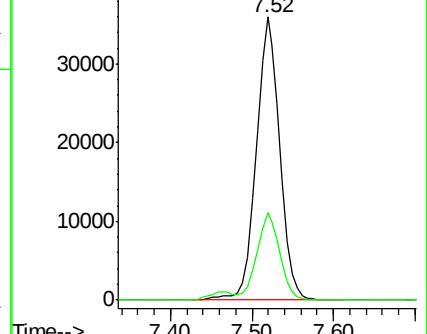
63 100

65 30.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 21.84 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

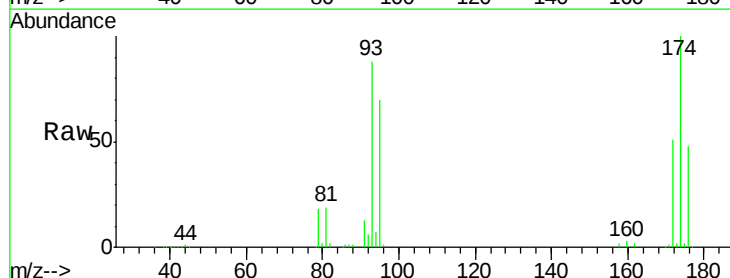
Tgt Ion: 93 Resp: 47185

Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

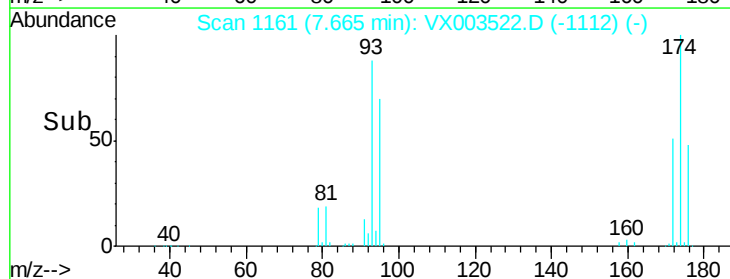
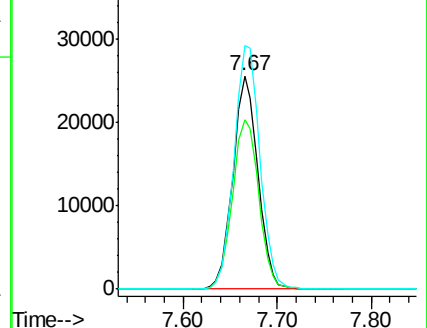
174 118.5 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.75 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

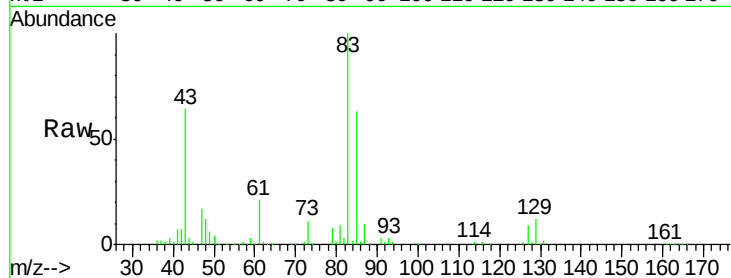
Tot Ion: 83 Resp: 86015

Ion Ratio Lower Upper

83 100

85 63.0 50.3 75.5

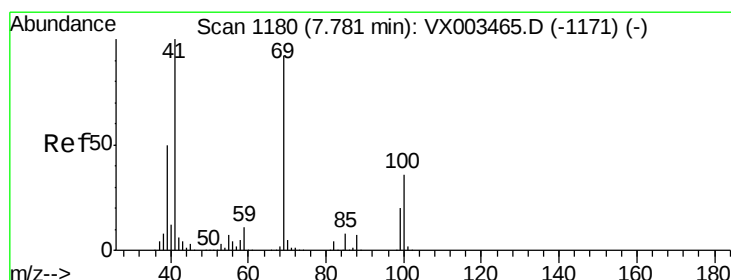
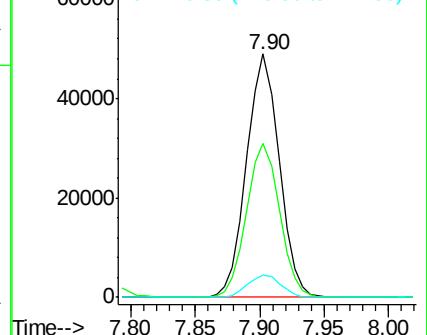
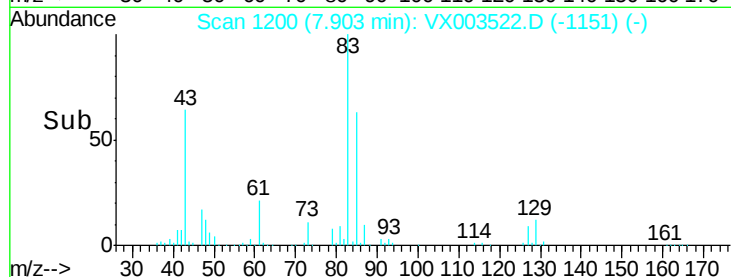
127 9.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 22.30 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

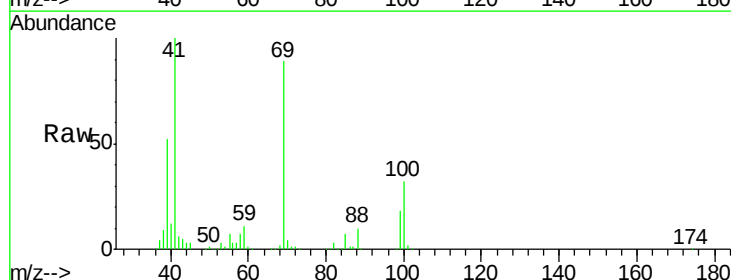
Tgt Ion: 41 Resp: 74094

Ion Ratio Lower Upper

41 100

69 87.1 59.1 88.7

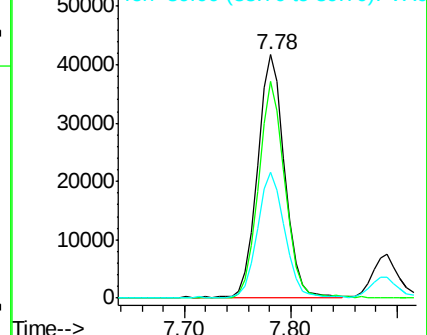
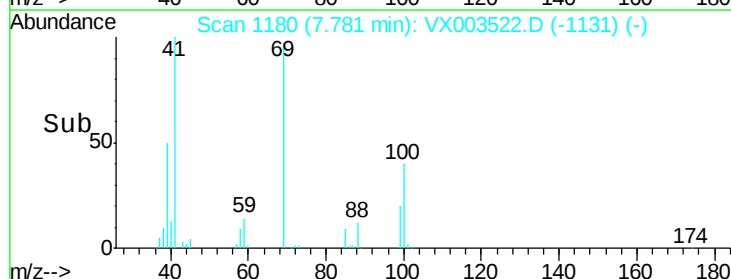
39 52.1 48.9 73.3

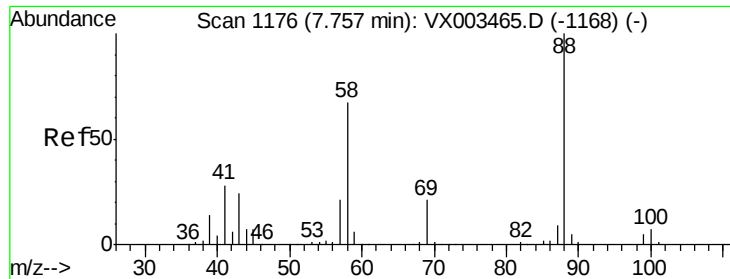


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

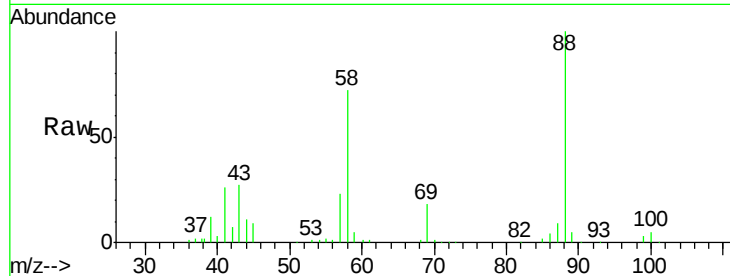




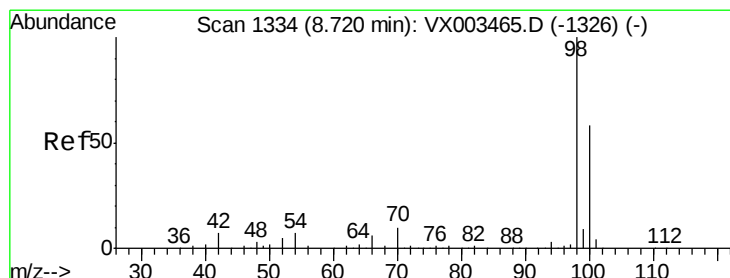
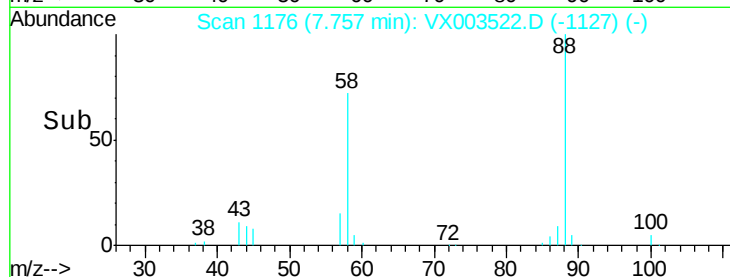
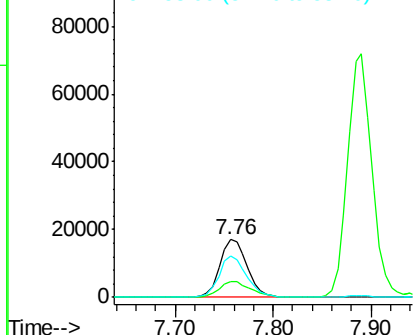
#49
 1,4-Dioxane
 Concen: 443.22 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Tot Ion: 88 Resp: 33371
 Ion Ratio Lower Upper
 88 100
 43 34.0 29.8 44.6
 58 71.7 57.1 85.7

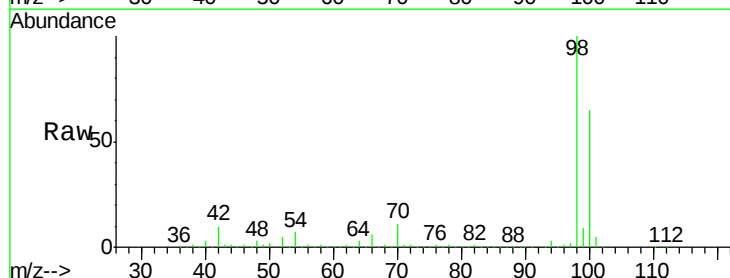


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

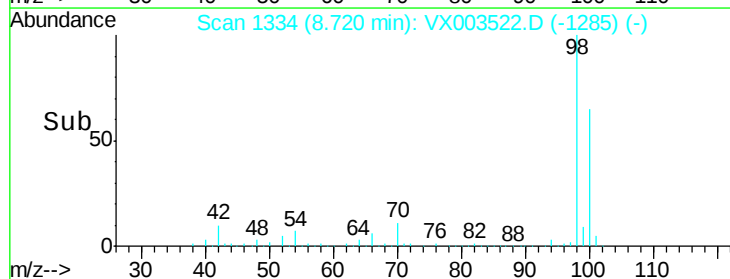
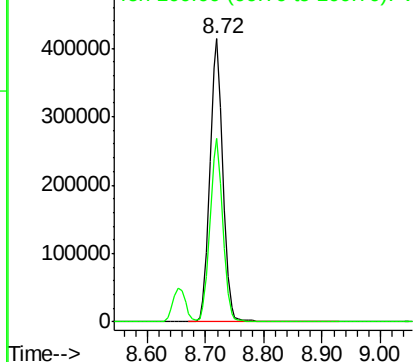


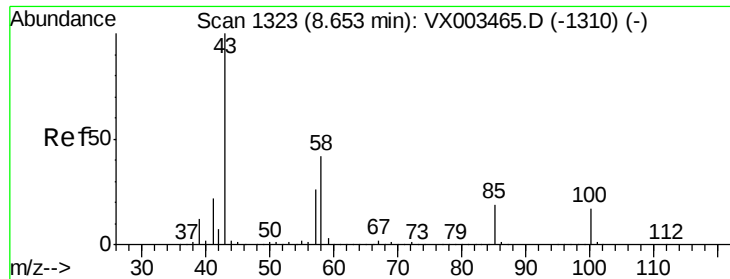
#50
 Toluene-d8
 Concen: 55.23 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 98 Resp: 641113
 Ion Ratio Lower Upper
 98 100
 100 64.5 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 116.32 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

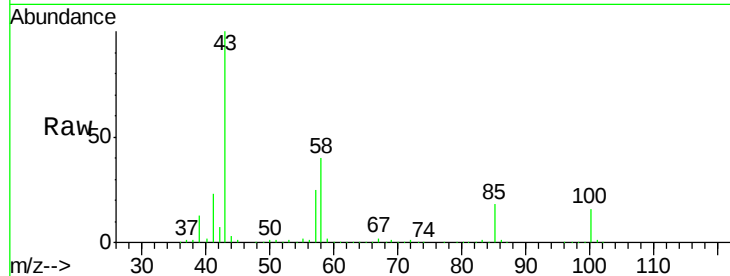
VX0720WBS03

Tot Ion: 43 Resp: 484215

Ion Ratio Lower Upper

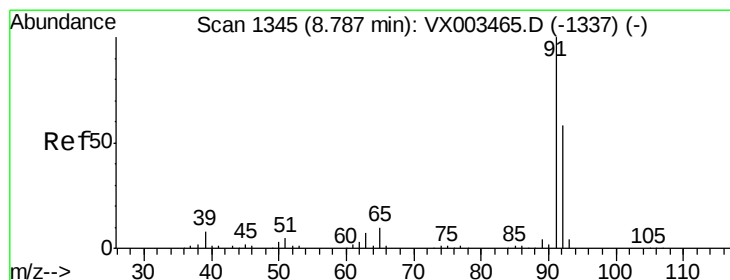
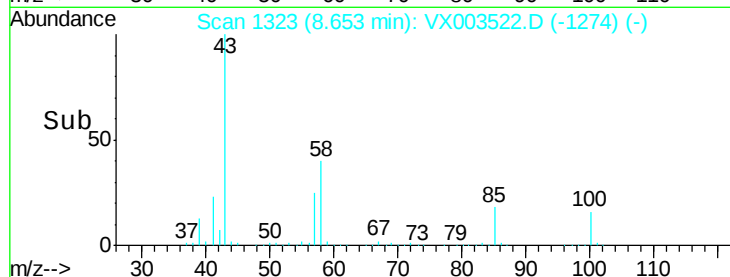
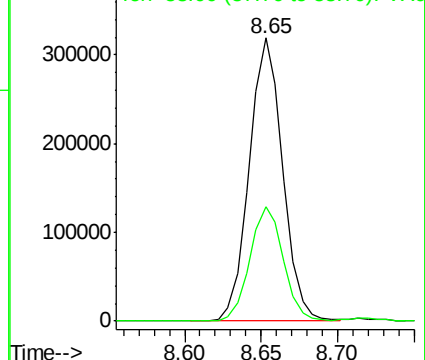
43 100

58 40.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 21.17 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003522.D

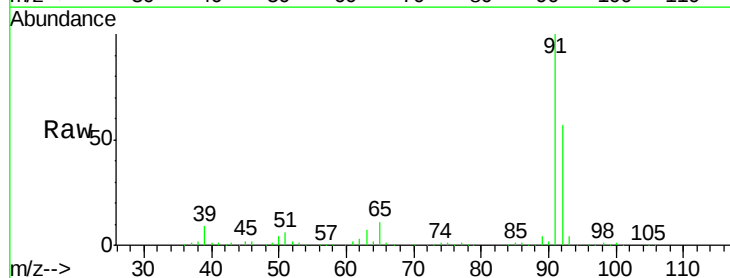
Acq: 20 Jul 2018 21:50

Tgt Ion: 92 Resp: 176138

Ion Ratio Lower Upper

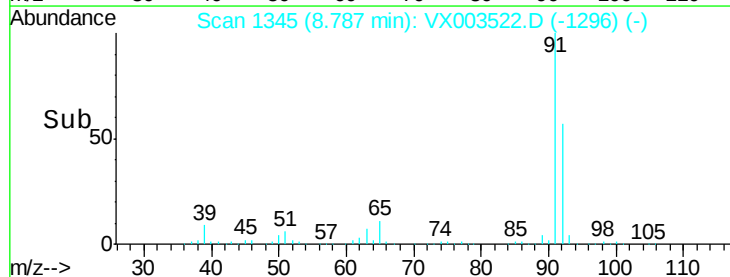
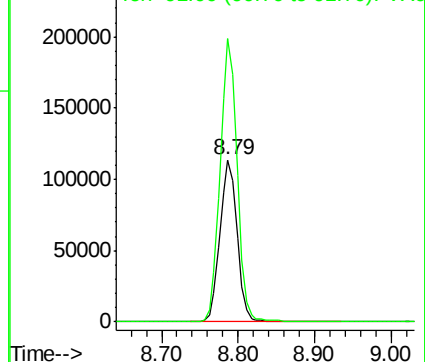
92 100

91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

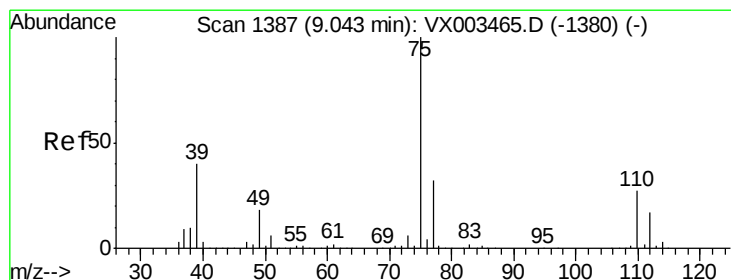
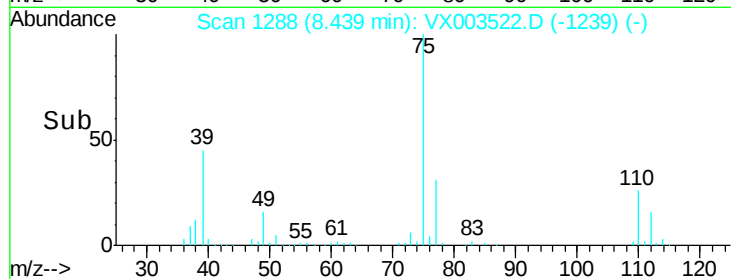
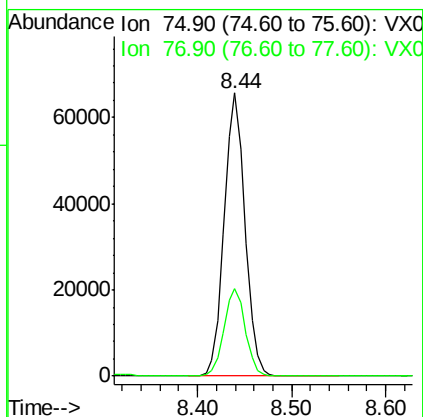
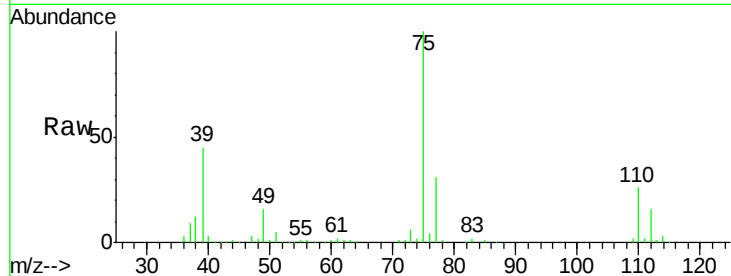




#53
 t-1,3-Dichloropropene
 Concen: 20.70 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

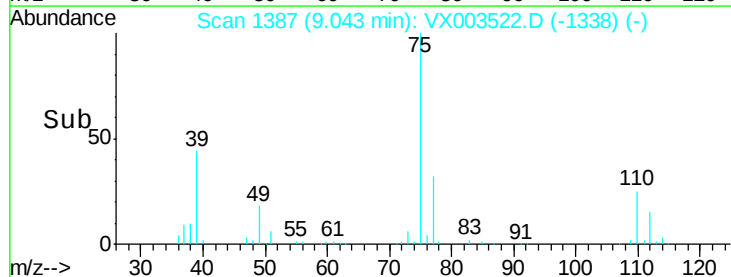
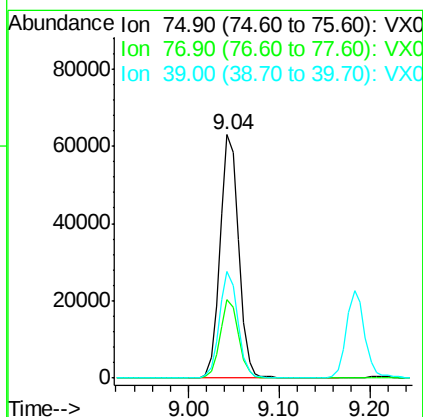
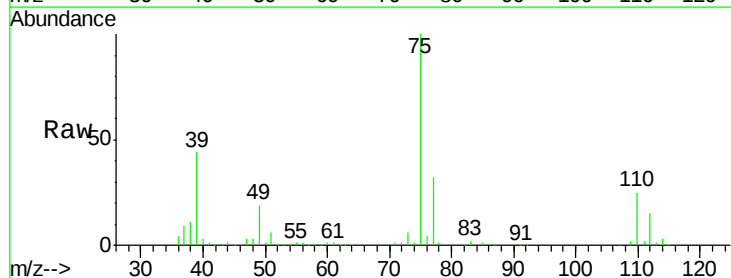
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

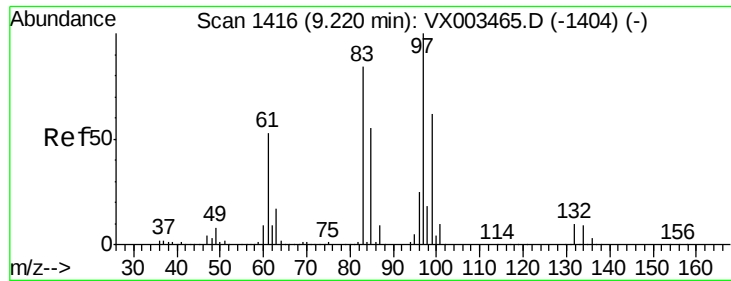
Tot Ion: 75 Resp: 100788
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 20.59 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 75 Resp: 90163
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.8 37.2
 39 43.9 42.4 63.6





#55

1,1,2-Trichloroethane

Concen: 21.84 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

Tot Ion: 97 Resp: 72291

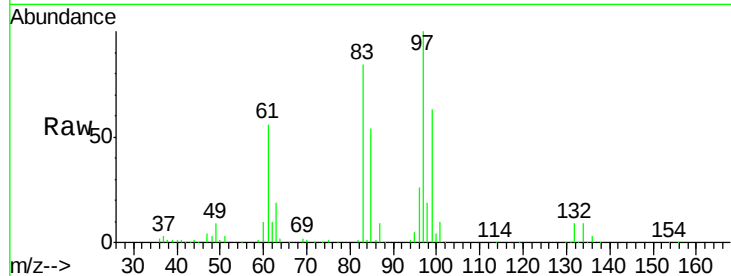
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.2	105.2
85	54.2	44.9	67.3
99	62.8	49.8	74.8

97 100

83 84.3 70.2 105.2

85 54.2 44.9 67.3

99 62.8 49.8 74.8



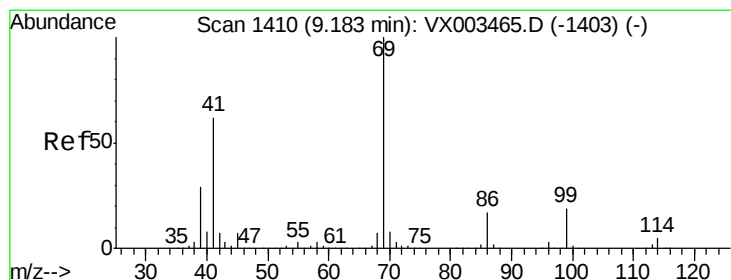
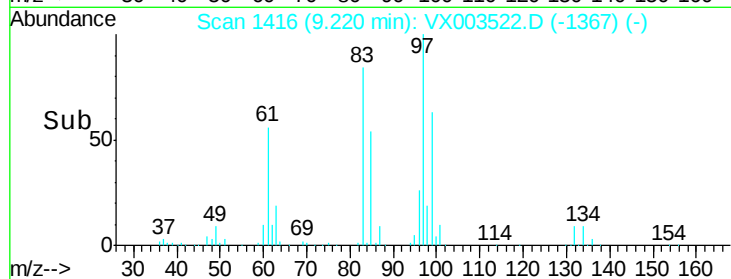
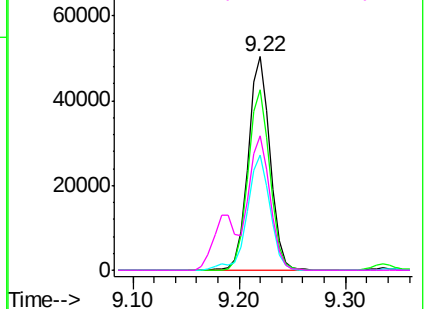
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 21.52 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

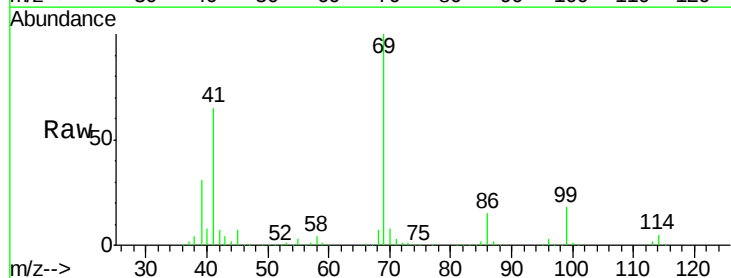
Tgt Ion: 69 Resp: 100332

Ion	Ratio	Lower	Upper
69	100		
41	65.2	60.3	90.5
39	31.6	35.8	53.8#

69 100

41 65.2 60.3 90.5

39 31.6 35.8 53.8#

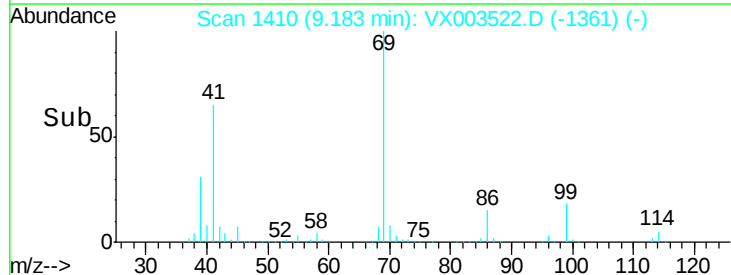
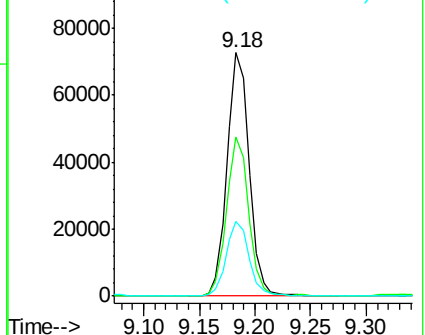


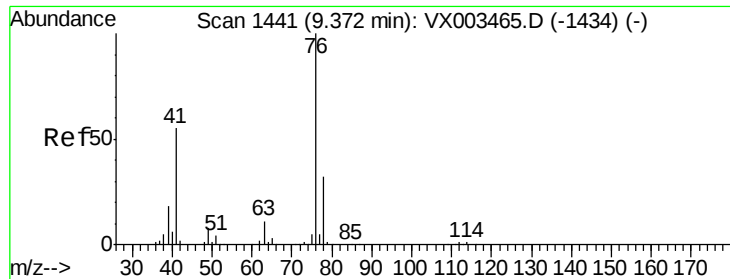
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 22.06 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

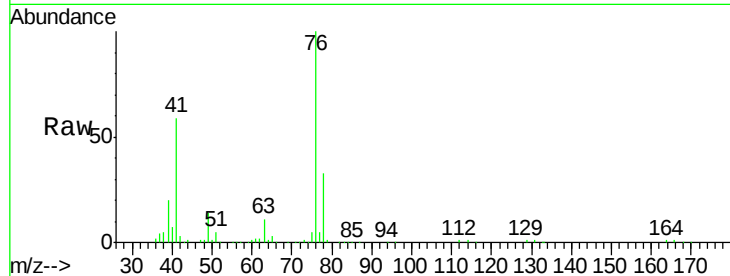
VX0720WBS03

Tot Ion: 76 Resp: 118057

Ion Ratio Lower Upper

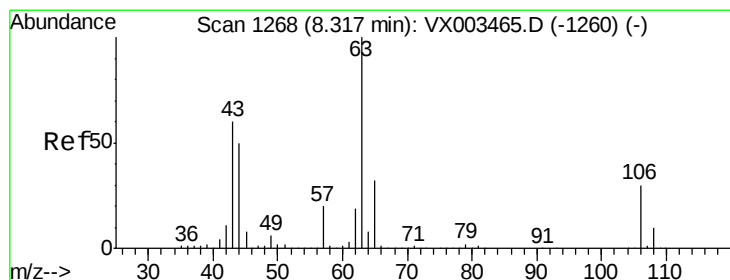
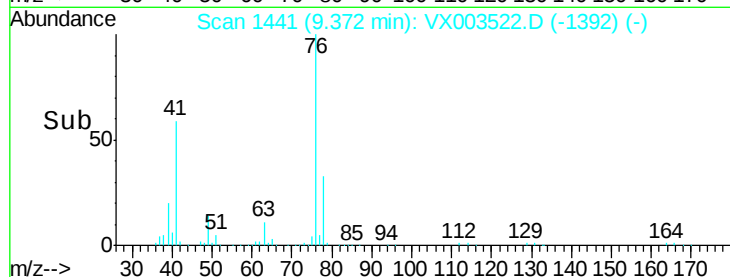
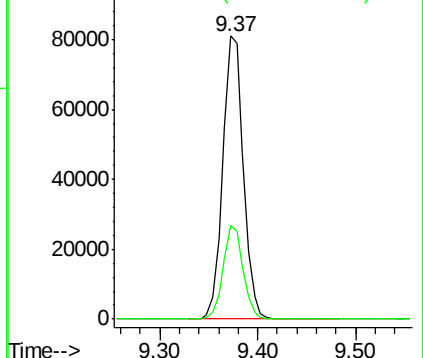
76 100

78 32.0 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 107.19 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003522.D

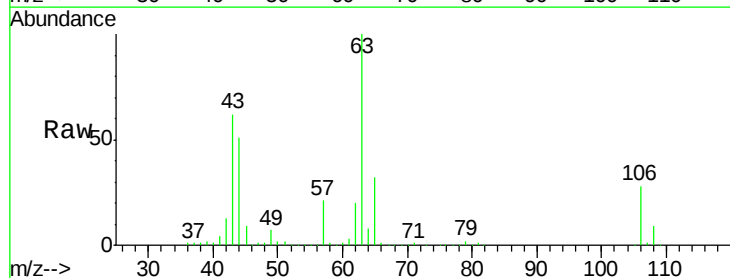
Acq: 20 Jul 2018 21:50

Tgt Ion: 63 Resp: 243026

Ion Ratio Lower Upper

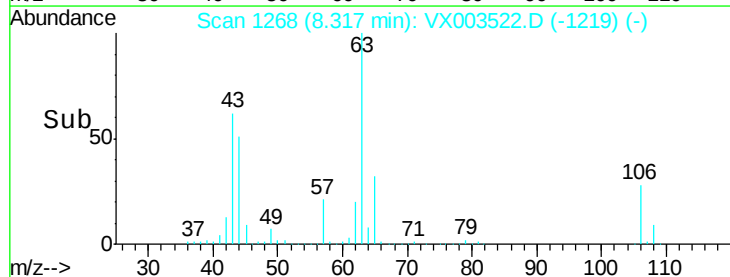
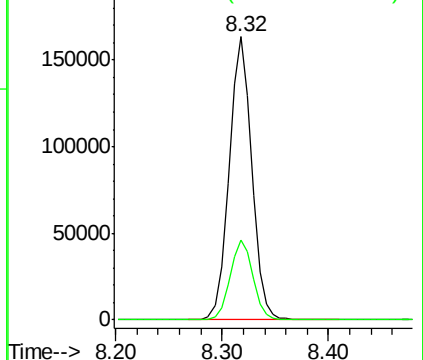
63 100

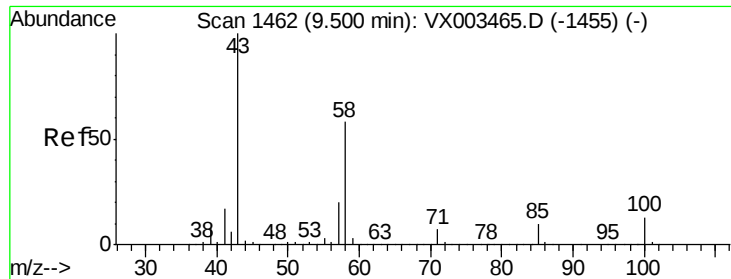
106 28.5 21.8 32.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

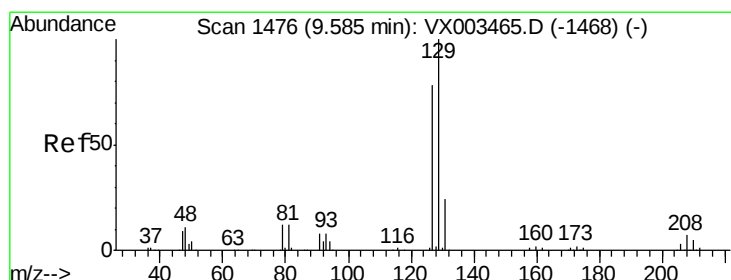
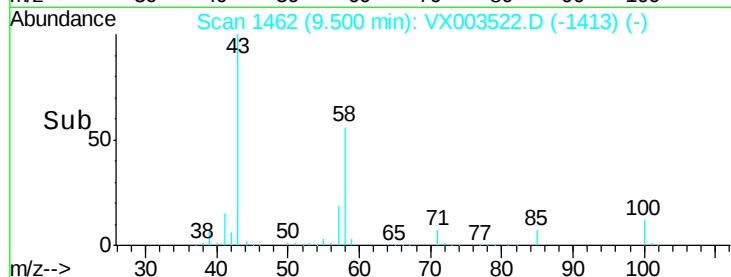
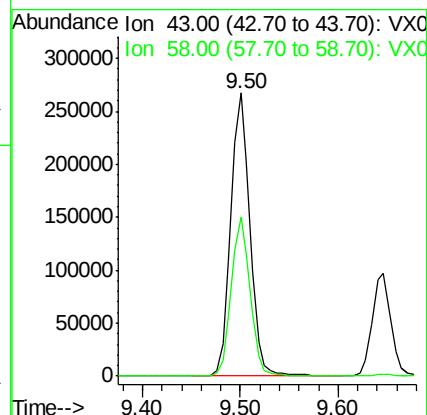
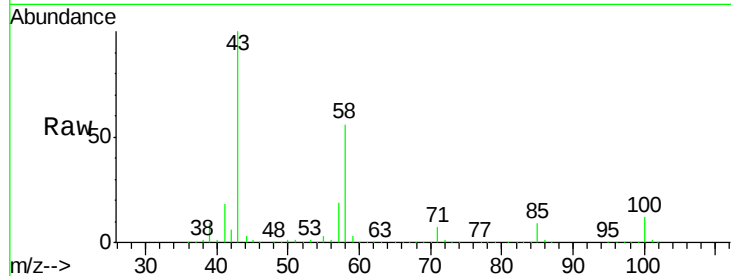




#59
2-Hexanone
Concen: 117.93 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

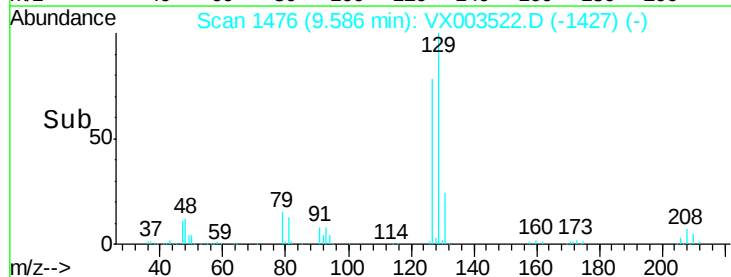
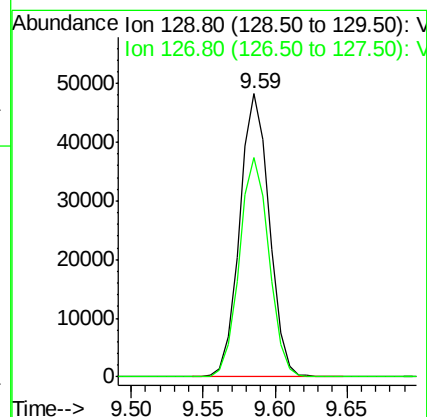
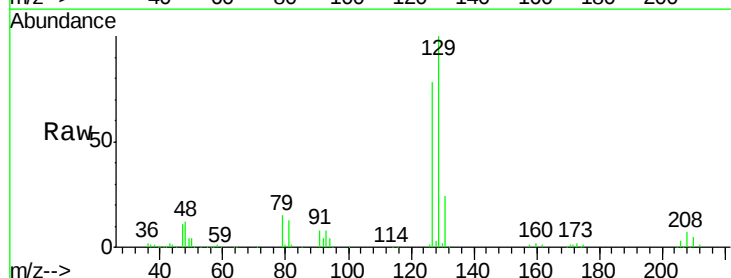
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

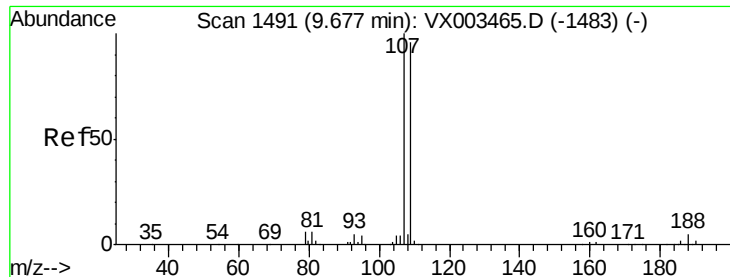
Tot Ion: 43 Resp: 363732
Ion Ratio Lower Upper
43 100
58 55.6 24.6 73.6



#60
Dibromochloromethane
Concen: 21.05 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:129 Resp: 68991
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.3

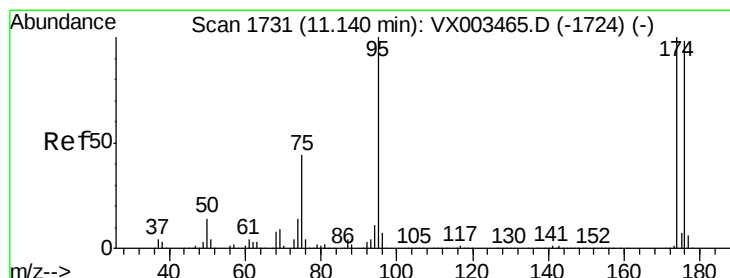
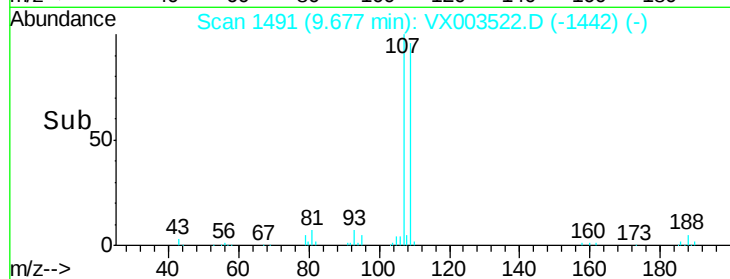
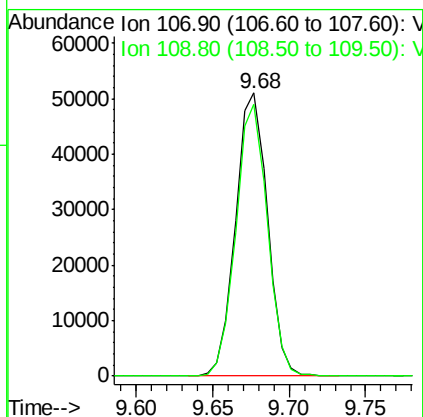
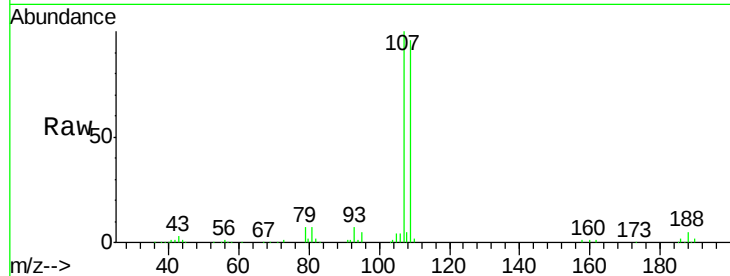




#61
 1,2-Dibromoethane
 Concen: 21.56 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

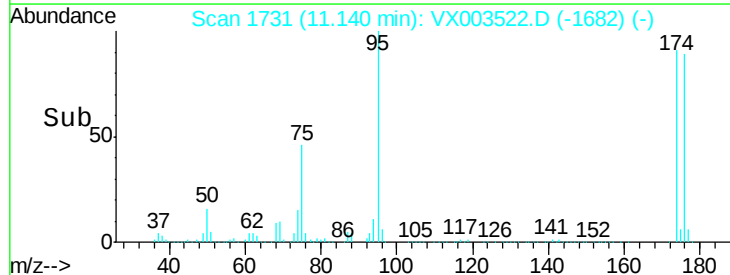
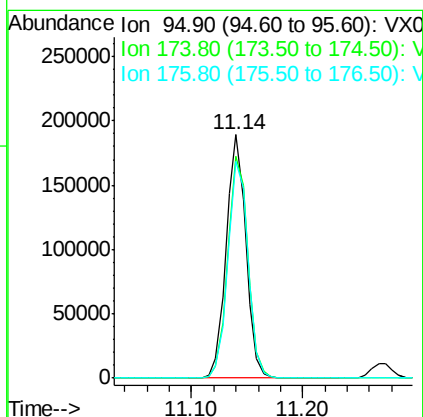
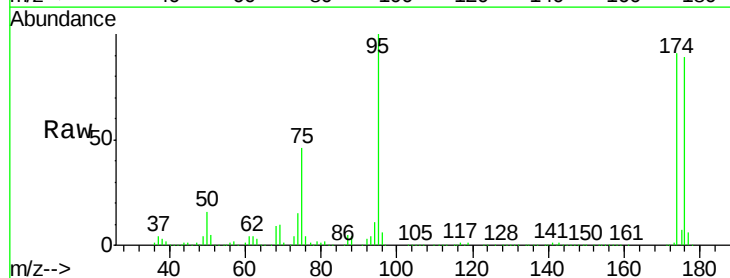
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

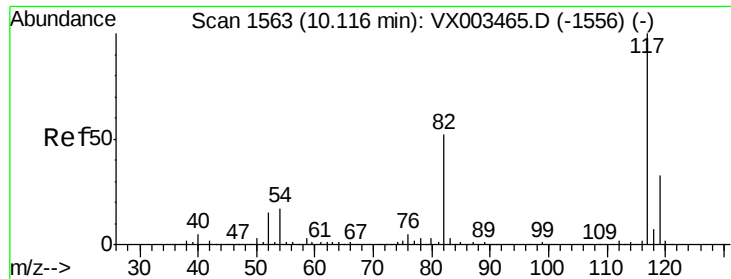
Tot Ion:107 Resp: 73972
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 54.54 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 95 Resp: 231039
 Ion Ratio Lower Upper
 95 100
 174 93.6 0.0 187.4
 176 91.3 0.0 181.0

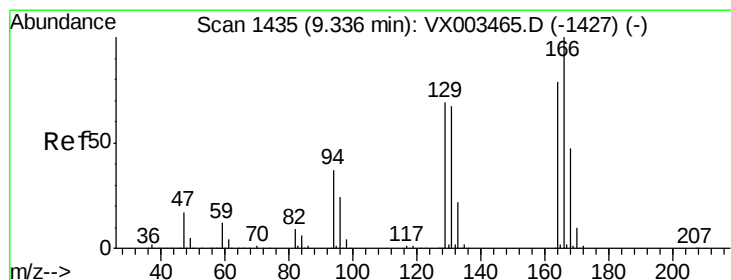
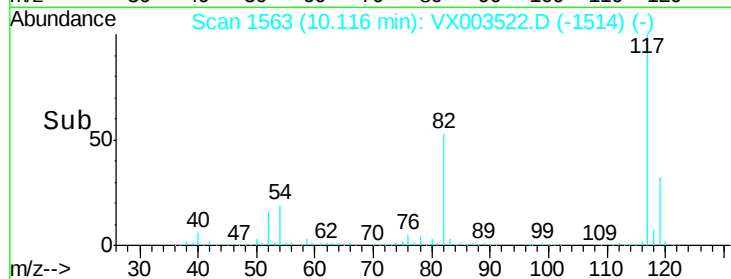
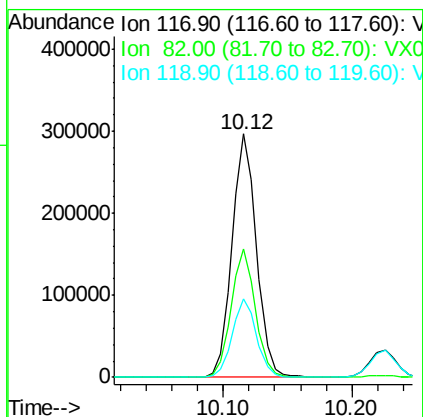
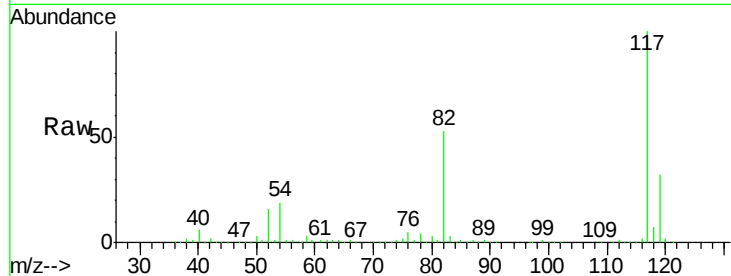




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

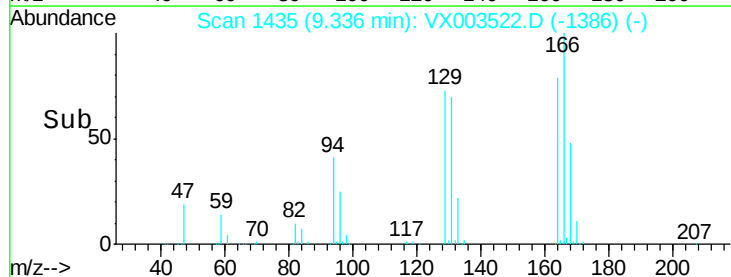
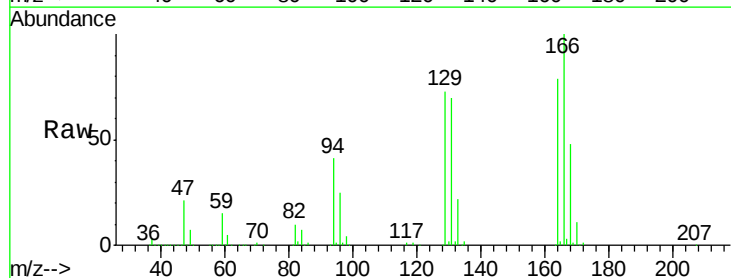
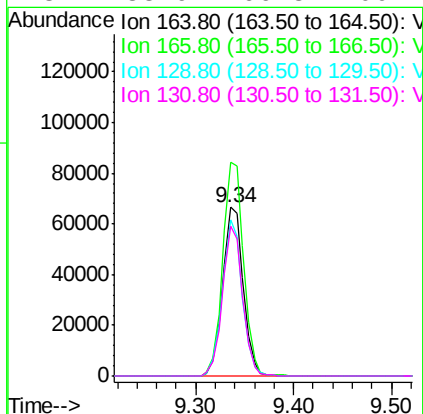
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

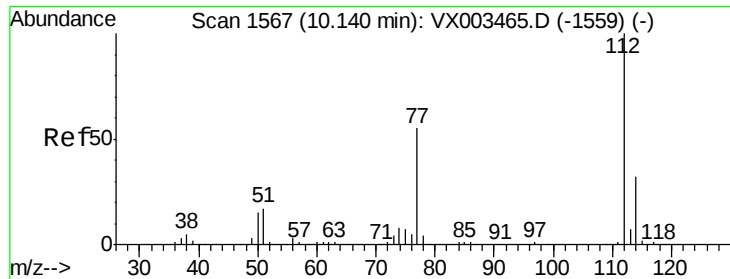
Tot Ion:117 Resp: 394395
Ion Ratio Lower Upper
117 100
82 52.7 45.0 67.4
119 32.4 25.8 38.6



#64
Tetrachloroethene
Concen: 20.24 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:164 Resp: 97235
Ion Ratio Lower Upper
164 100
166 126.5 102.9 154.3
129 92.5 68.6 102.8
131 88.9 66.8 100.2

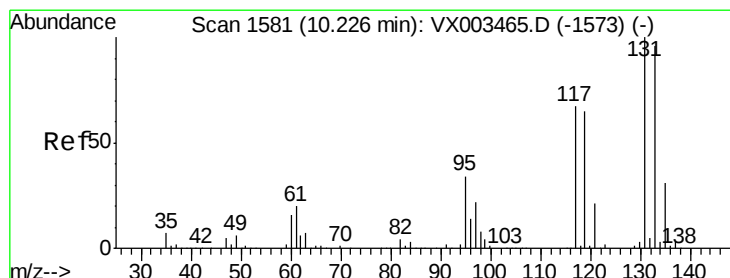
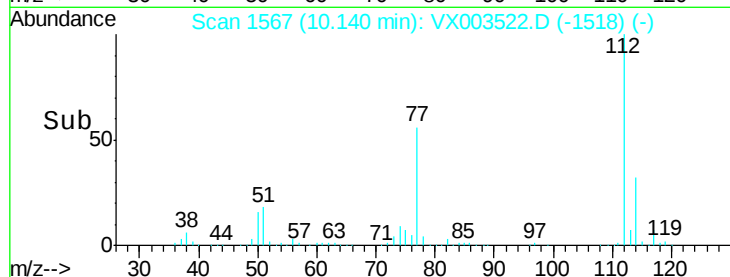
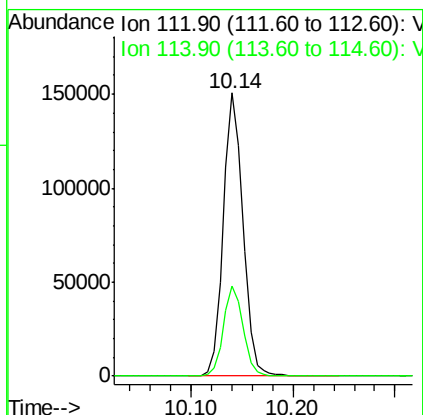
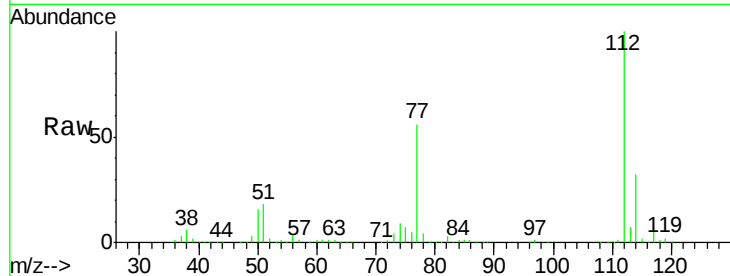




#65
Chlorobenzene
Concen: 19.93 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

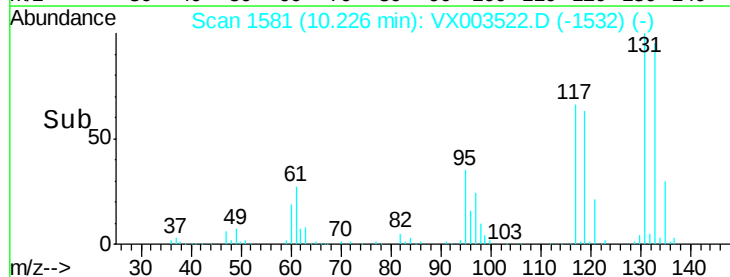
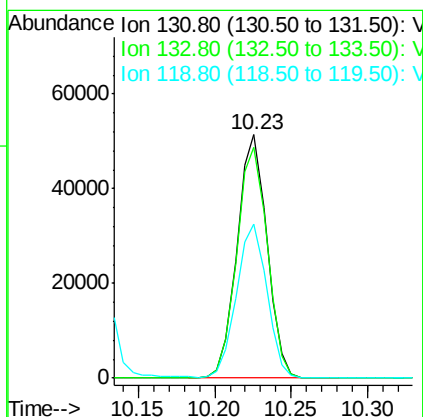
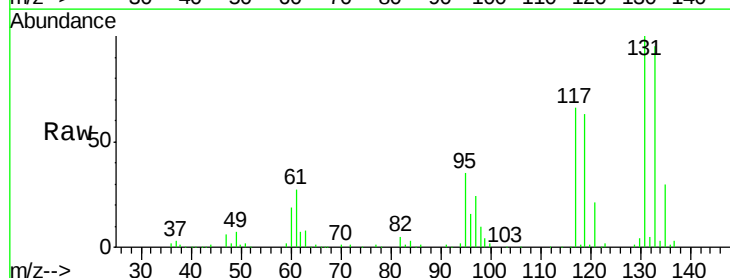
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

Tot Ion:112 Resp: 202534
Ion Ratio Lower Upper
112 100
114 31.9 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.90 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:131 Resp: 69580
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.6
119 65.0 31.8 95.3

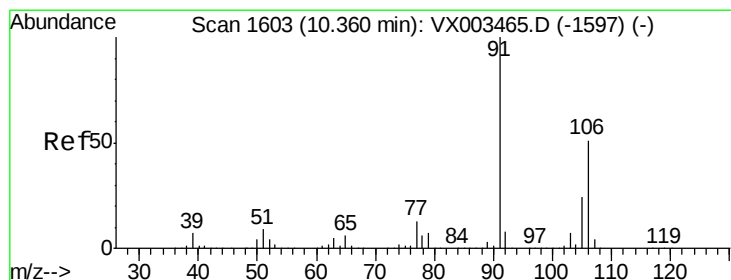
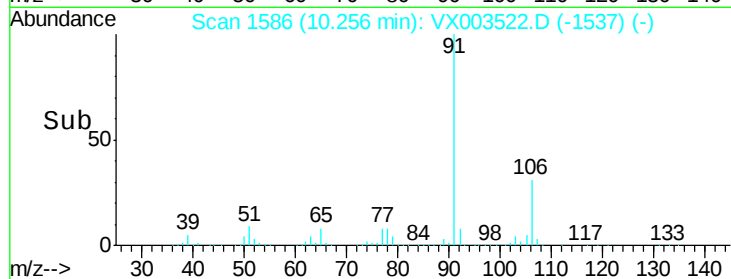
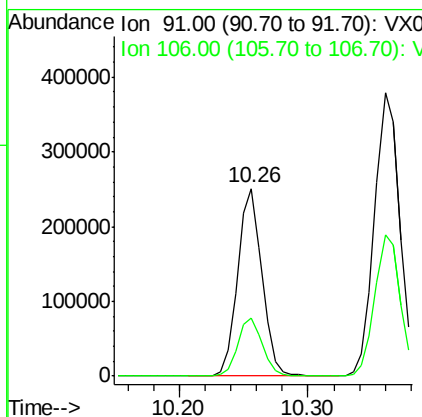
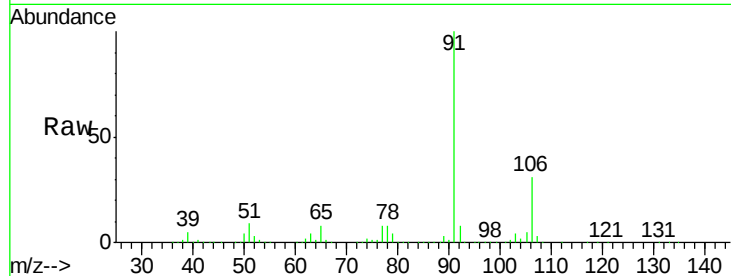




#67
Ethyl Benzene
Concen: 20.09 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

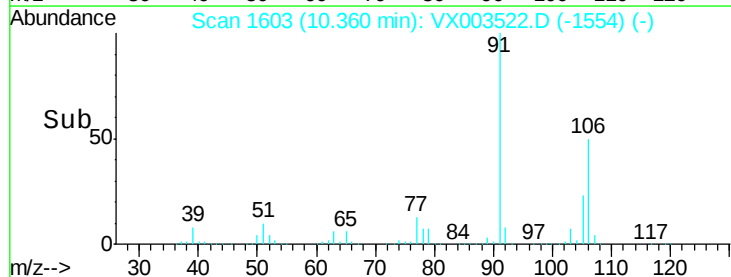
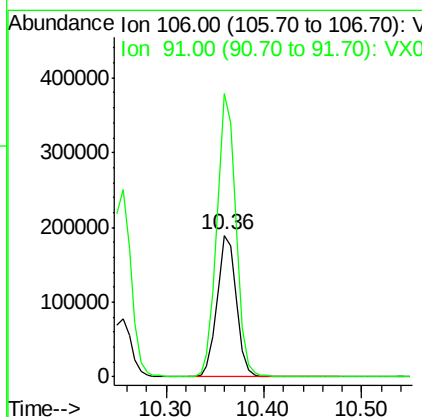
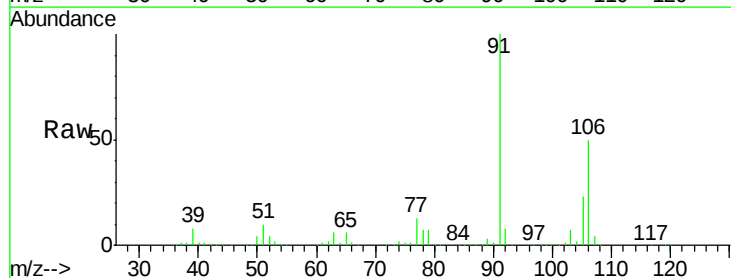
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS03

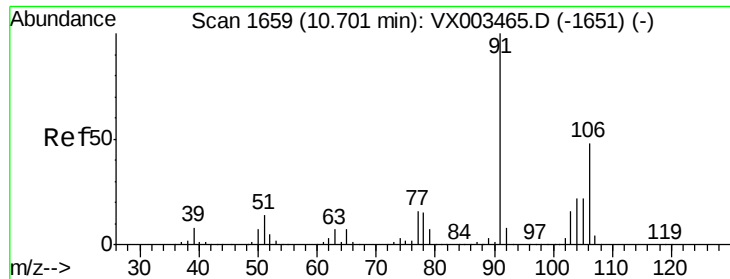
Tot Ion: 91 Resp: 328227
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 40.19 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion: 106 Resp: 257412
Ion Ratio Lower Upper
106 100
91 199.8 163.4 245.2

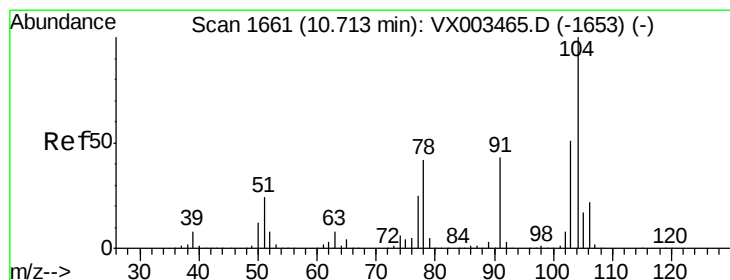
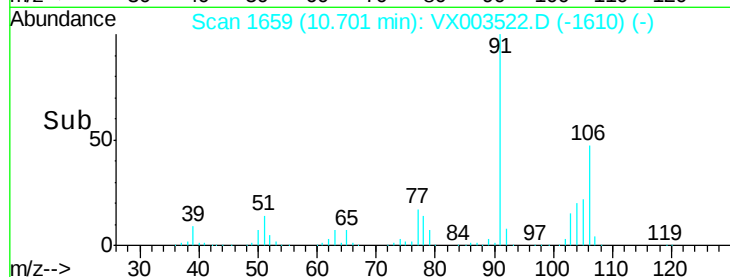
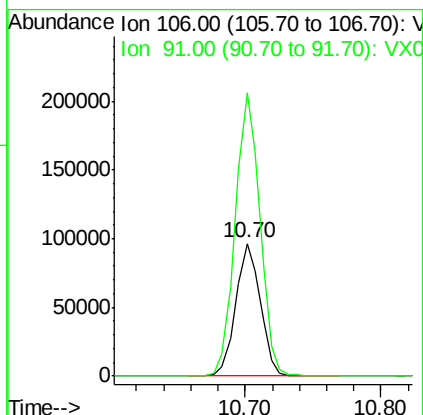
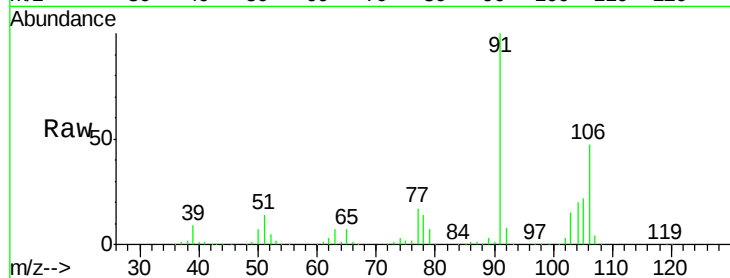




#69
o-Xylene
Concen: 19.62 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

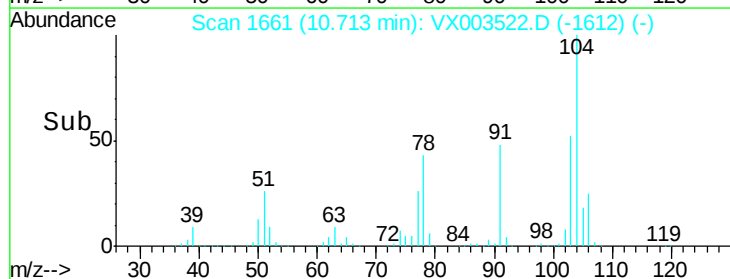
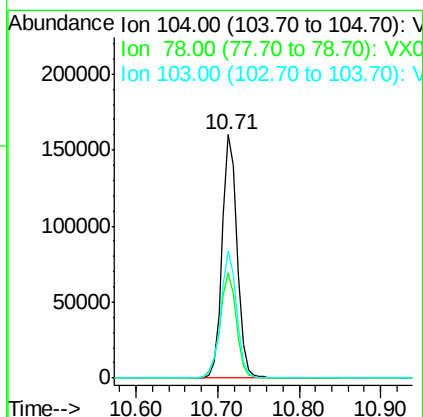
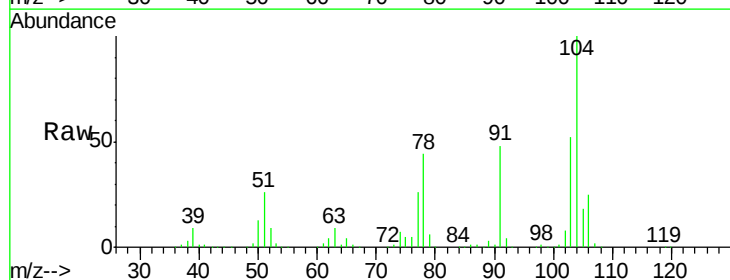
Instrument :
MSVOA_X
ClientSampled :
VX0720WBS03

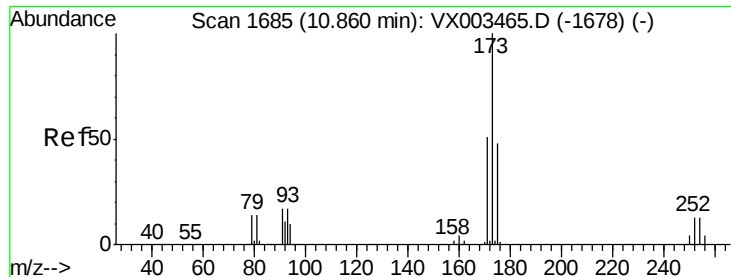
Tot Ion:106 Resp: 121513
Ion Ratio Lower Upper
106 100
91 214.4 108.2 324.6



#70
Styrene
Concen: 20.24 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:104 Resp: 206169
Ion Ratio Lower Upper
104 100
78 47.6 41.0 61.6
103 55.3 44.2 66.4





#71

Bromoform

Concen: 18.98 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS03

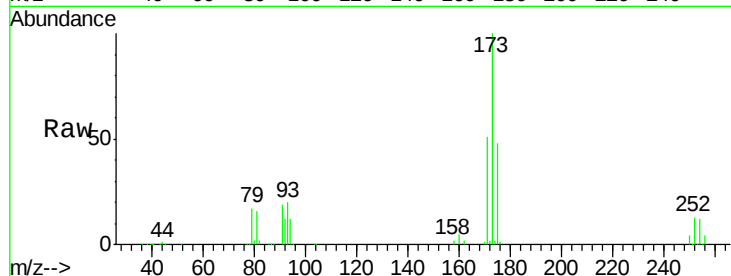
Tot Ion:173 Resp: 51563

Ion Ratio Lower Upper

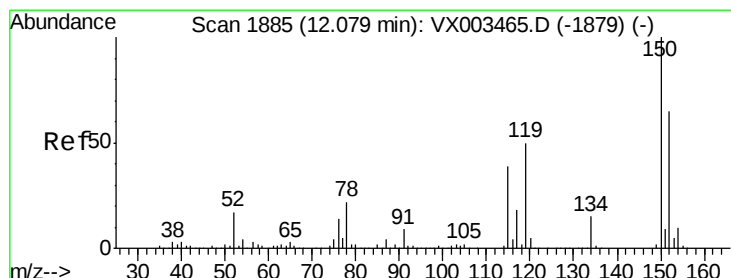
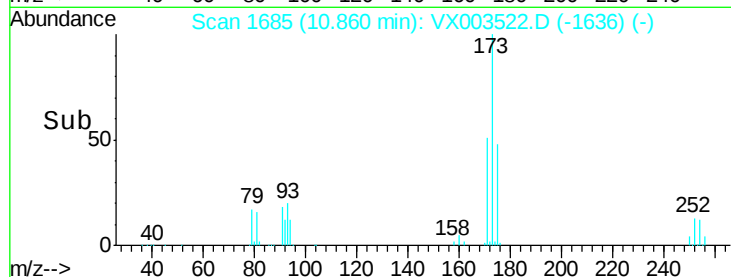
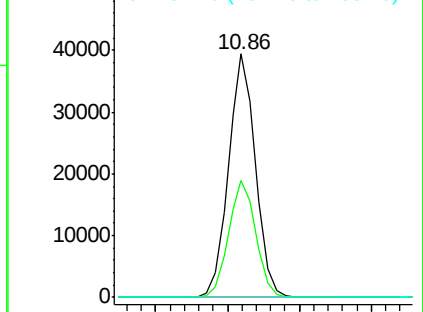
173 100

175 48.5 24.7 74.1

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

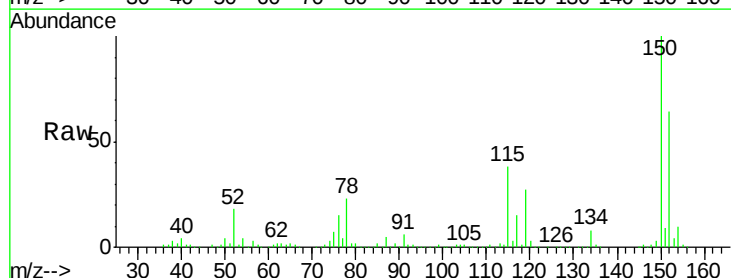
Tgt Ion:152 Resp: 231094

Ion Ratio Lower Upper

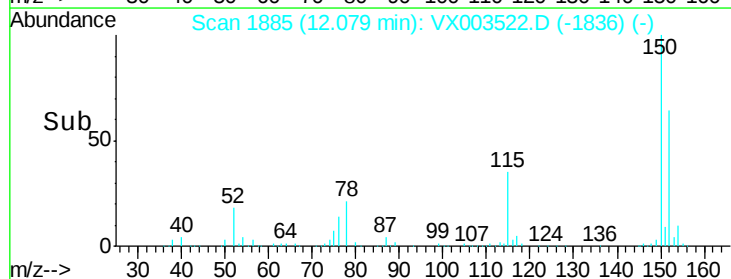
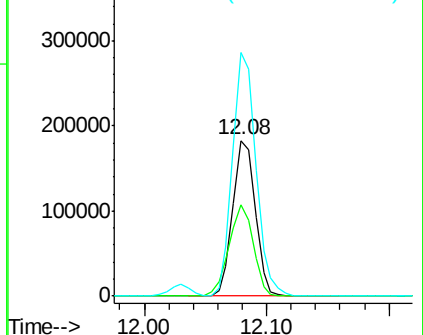
152 100

115 64.0 40.1 120.2

150 163.7 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.66 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

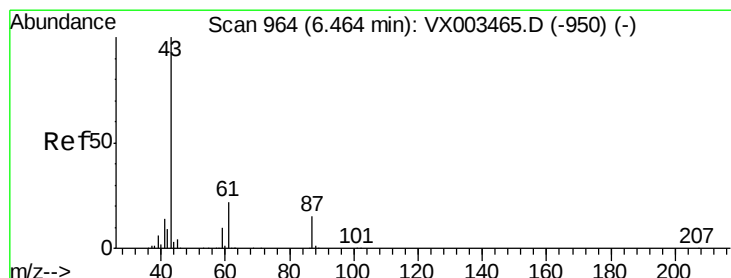
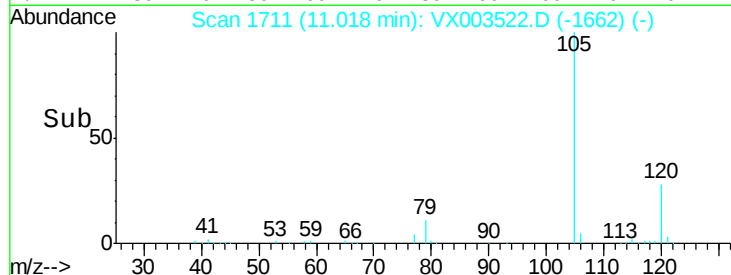
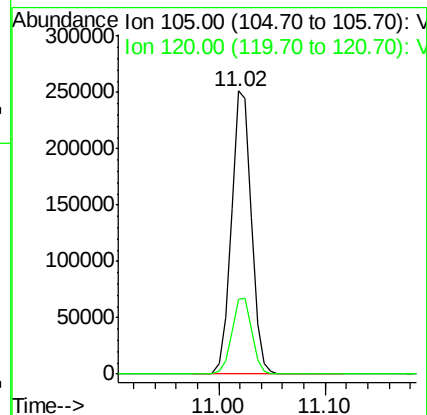
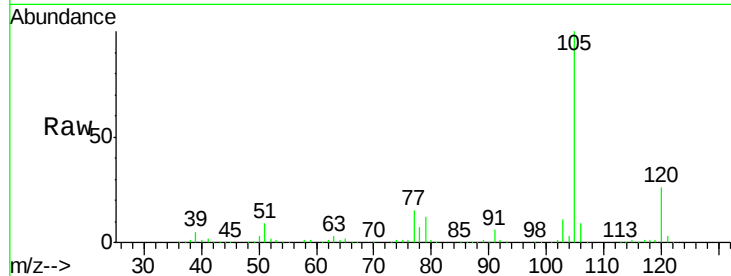
VX0720WBS03

Tot Ion:105 Resp: 330222

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



#74

N-ethyl acetate

Concen: 21.41 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Tgt Ion: 43 Resp: 145325

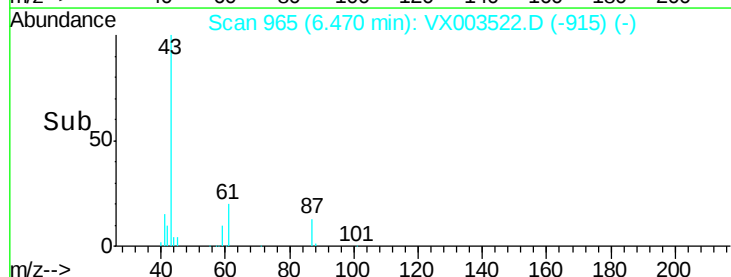
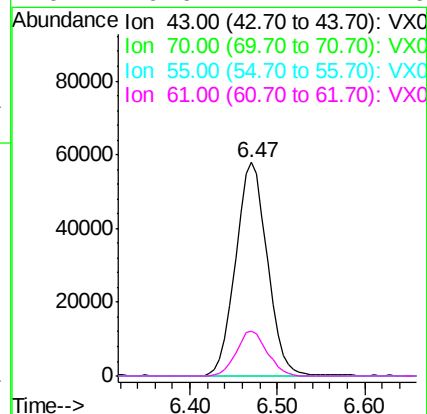
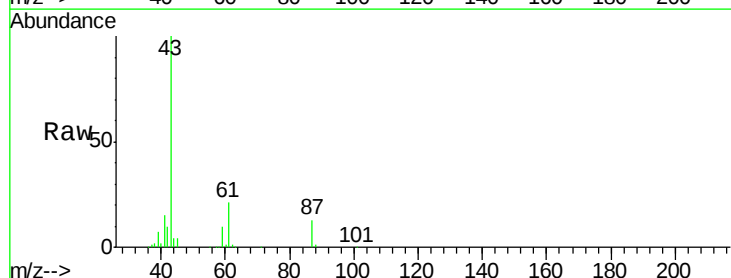
Ion Ratio Lower Upper

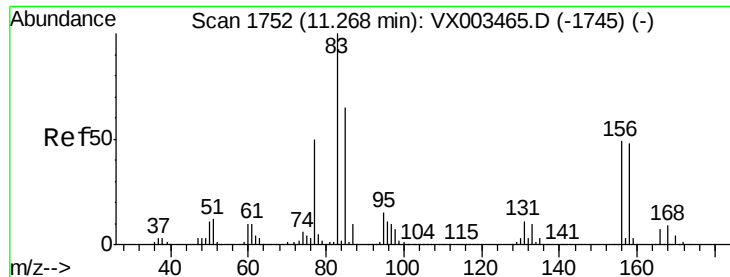
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0#

61 20.6 14.4 21.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.17 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

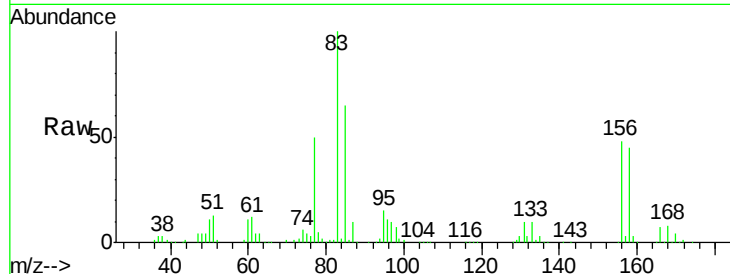
Tot Ion: 83 Resp: 99132

Ion Ratio Lower Upper

83 100

131 10.8 5.6 16.8

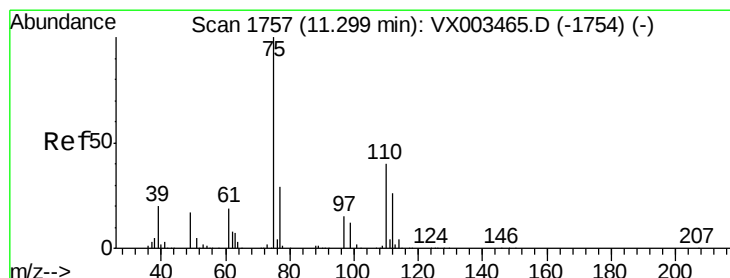
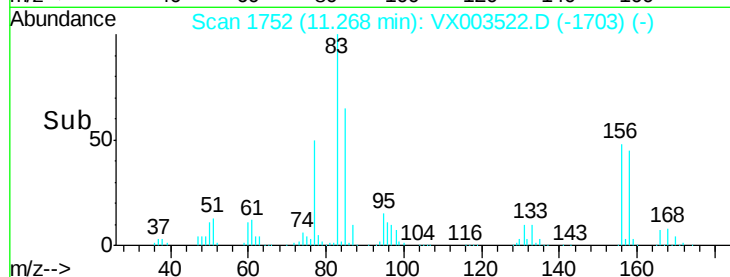
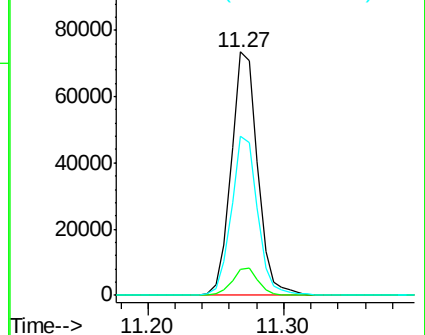
85 65.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 27.19 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003522.D

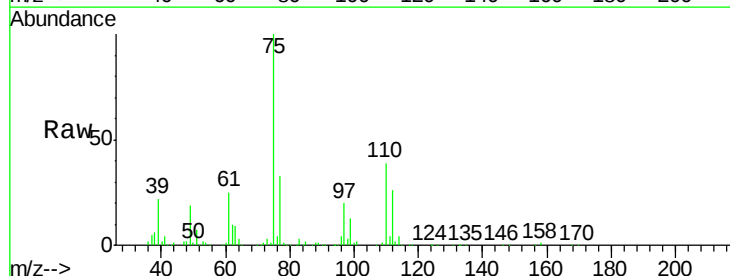
Acq: 20 Jul 2018 21:50

Tgt Ion: 75 Resp: 112893

Ion Ratio Lower Upper

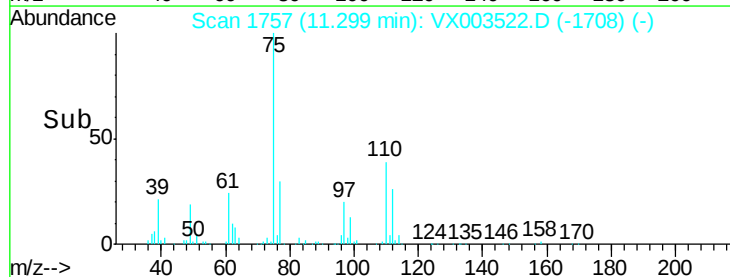
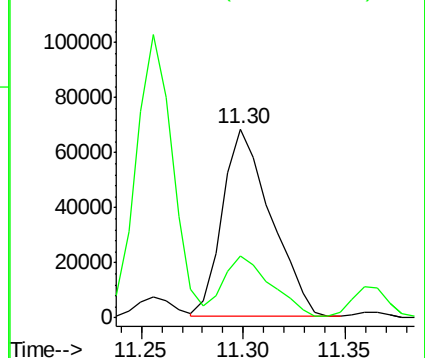
75 100

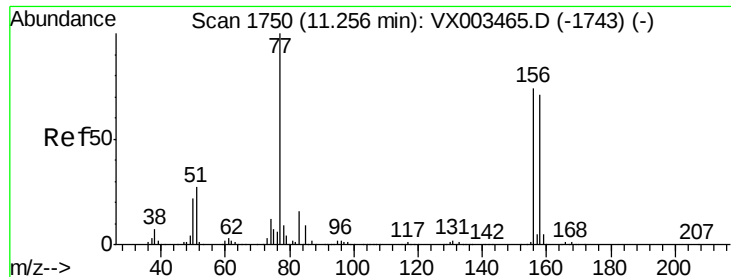
77 32.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.13 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS03

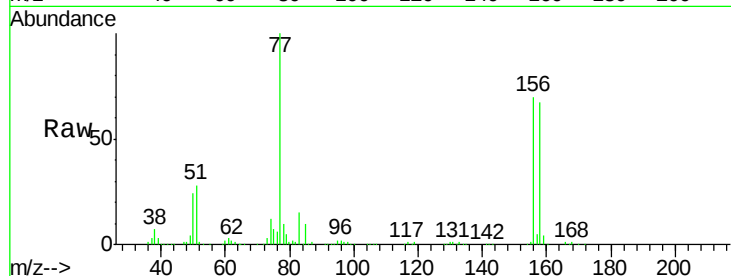
Tot Ion:156 Resp: 92512

Ion Ratio Lower Upper

156 100

77 138.6 71.4 214.2

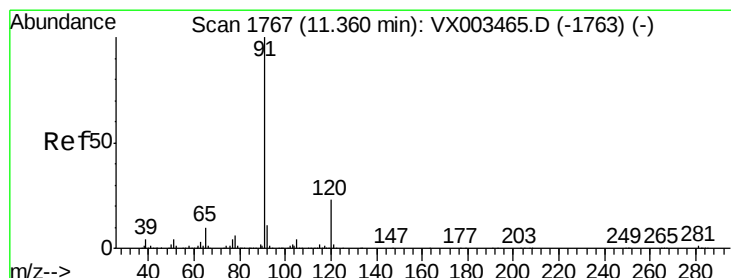
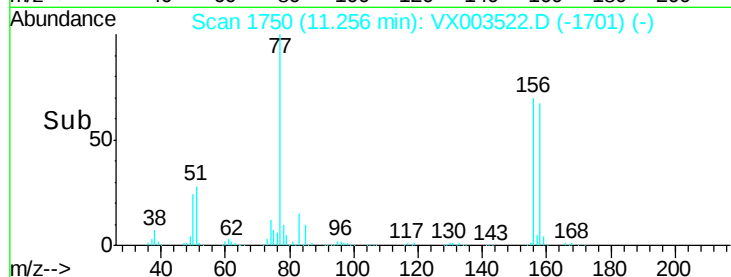
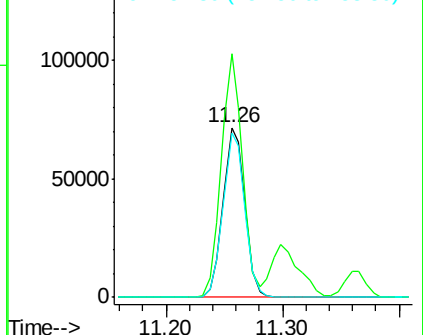
158 96.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.12 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003522.D

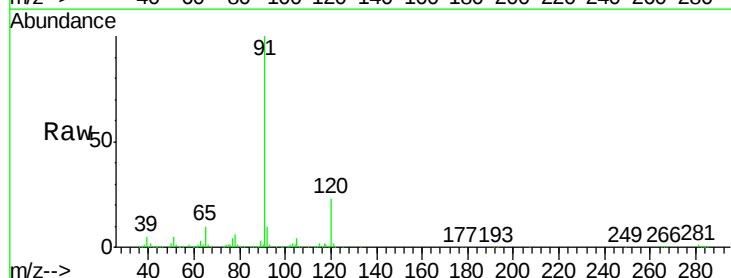
Acq: 20 Jul 2018 21:50

Tgt Ion: 91 Resp: 375294

Ion Ratio Lower Upper

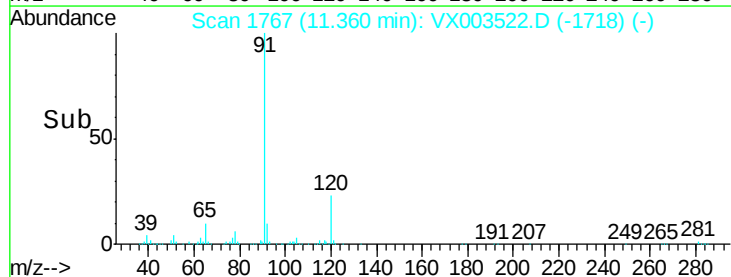
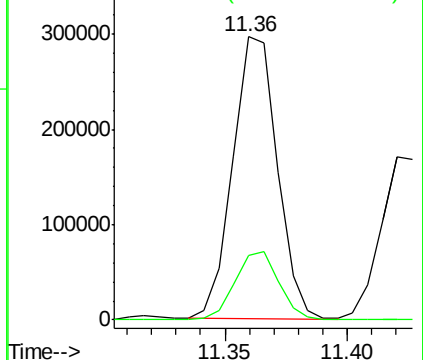
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.96 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

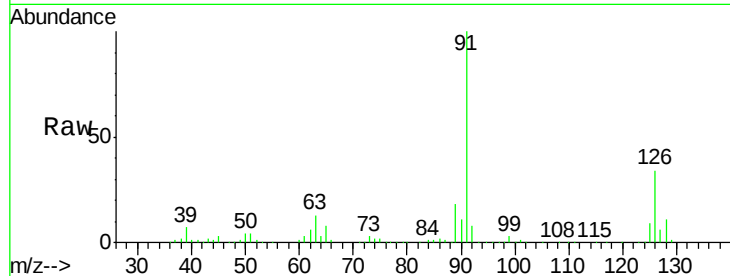
VX0720WBS03

Tot Ion: 91 Resp: 226072

Ion Ratio Lower Upper

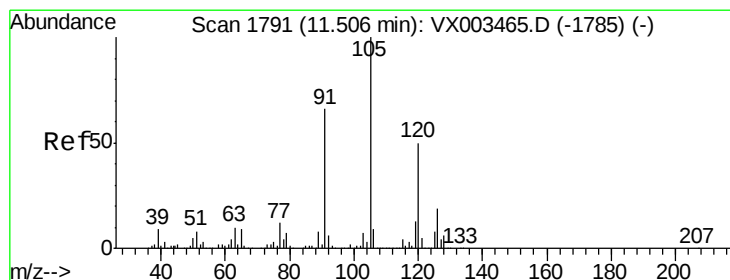
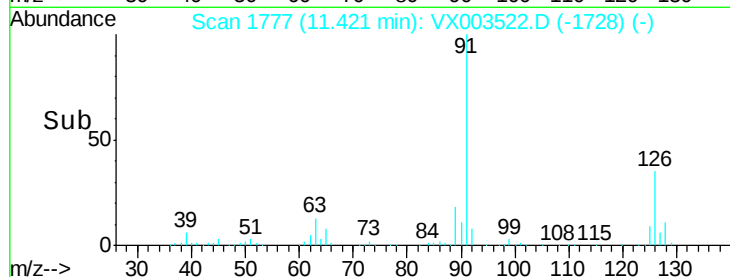
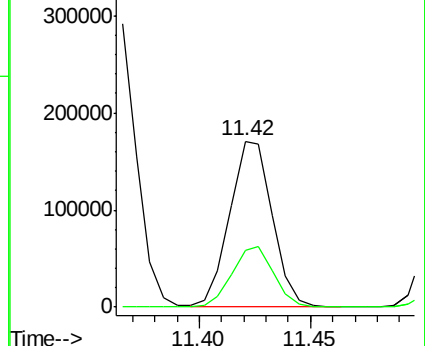
91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX003522.D

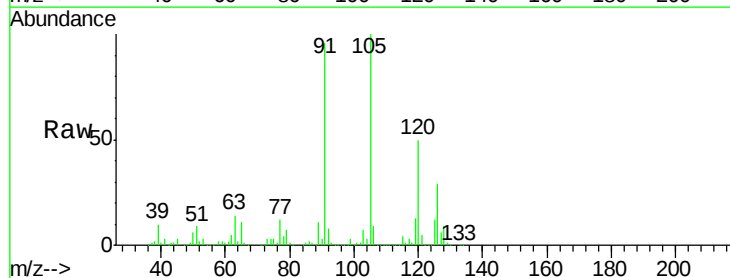
Acq: 20 Jul 2018 21:50

Tgt Ion:105 Resp: 279054

Ion Ratio Lower Upper

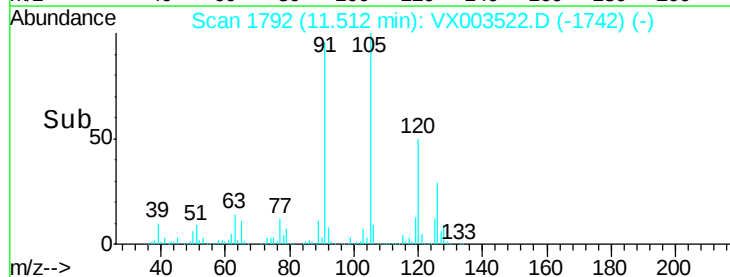
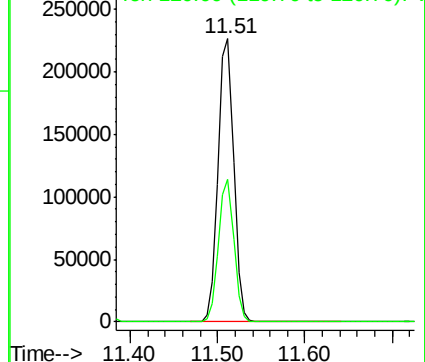
105 100

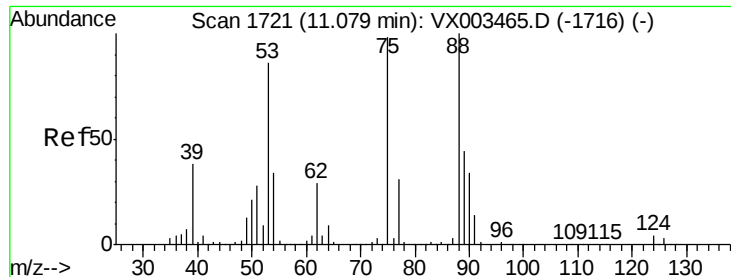
120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 17.99 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

VX0720WBS03

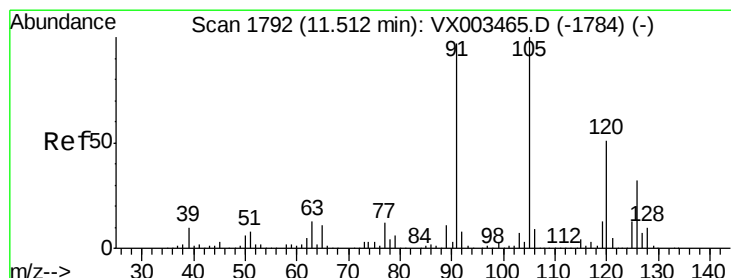
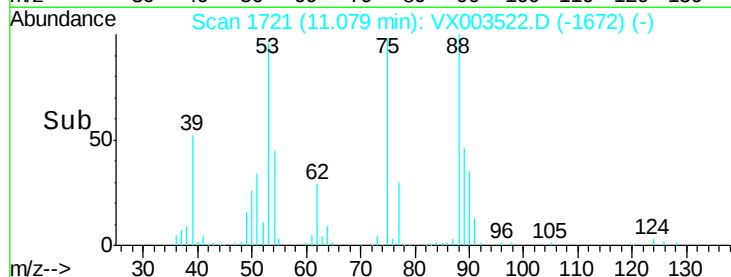
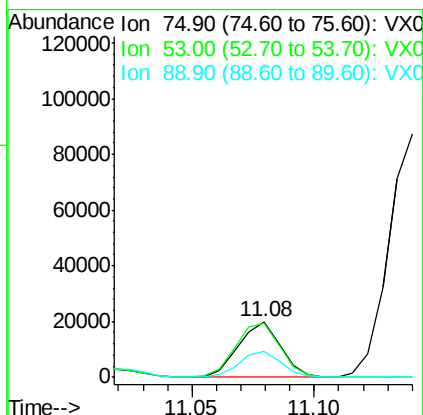
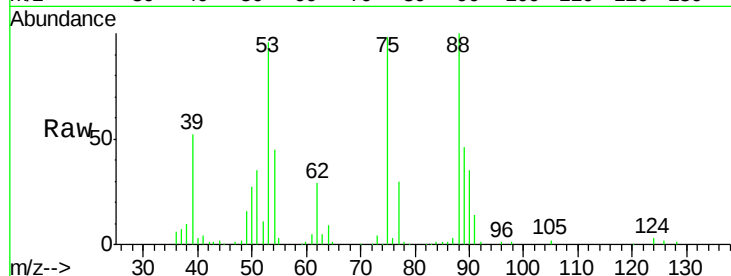
Tot Ion: 75 Resp: 23969

Ion Ratio Lower Upper

75 100

53 104.9 86.8 130.2

89 47.4 38.2 57.2



#82

4-Chlorotoluene

Concen: 20.72 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003522.D

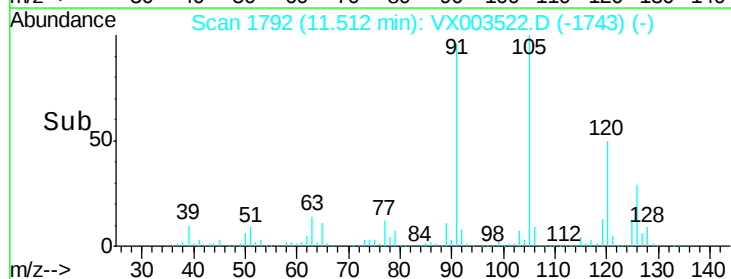
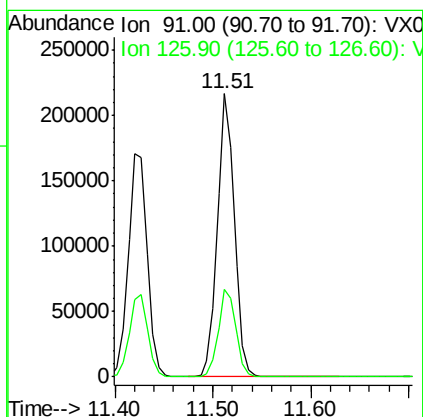
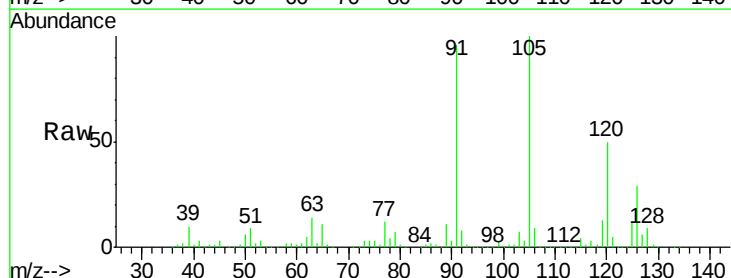
Acq: 20 Jul 2018 21:50

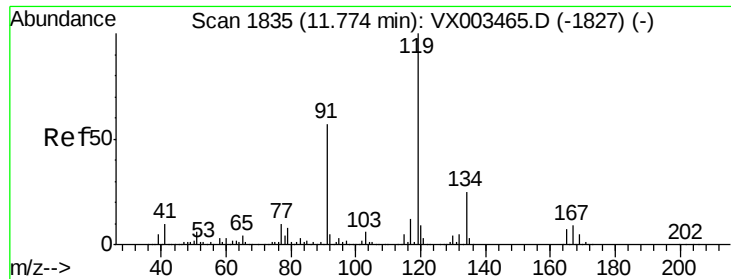
Tgt Ion: 91 Resp: 261840

Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4

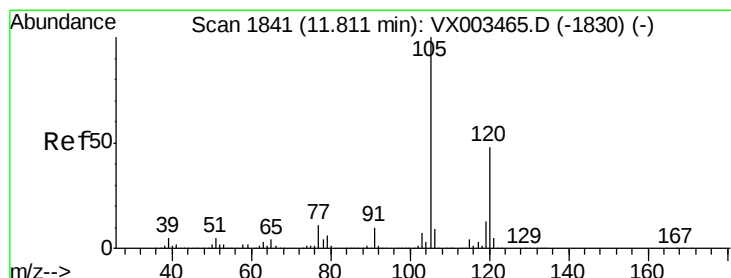
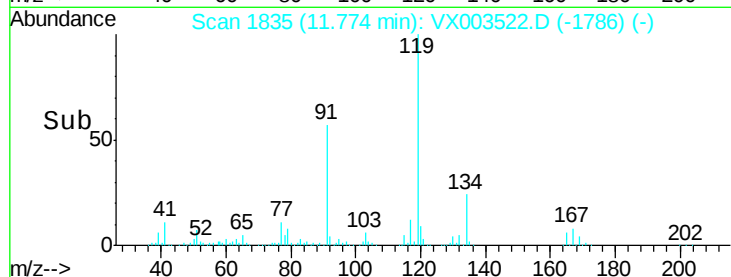
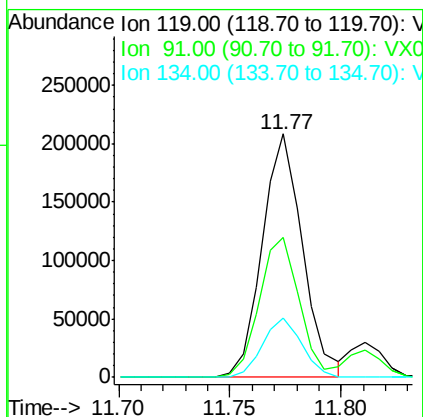
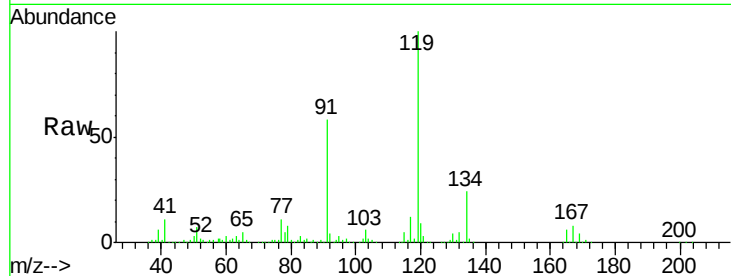




#83
tert-Butylbenzene
Concen: 20.35 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

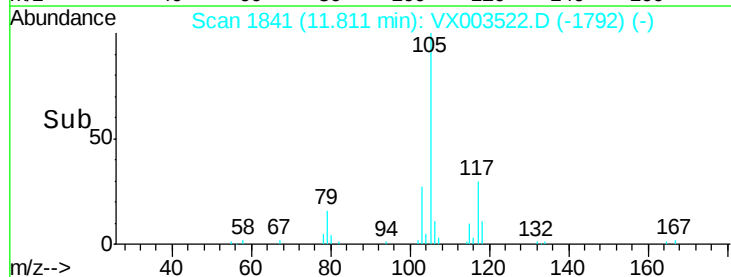
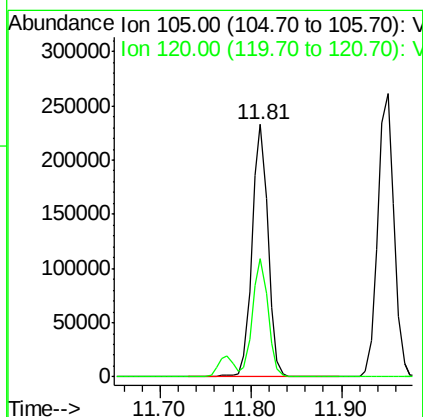
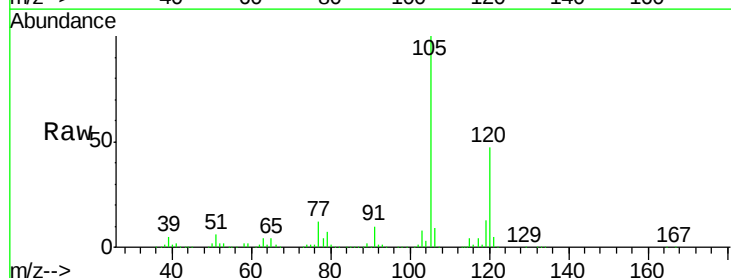
Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

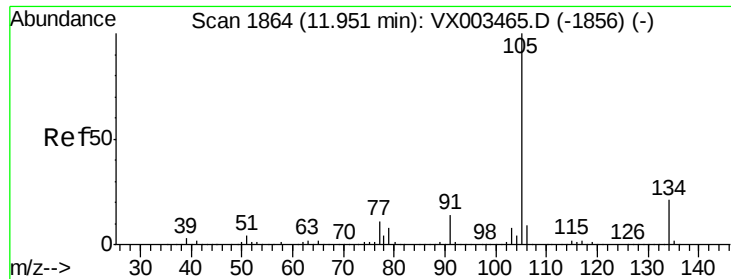
Tot Ion:119 Resp: 261814
Ion Ratio Lower Upper
119 100
91 56.7 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 21.20 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:105 Resp: 283316
Ion Ratio Lower Upper
105 100
120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.67 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampleId :

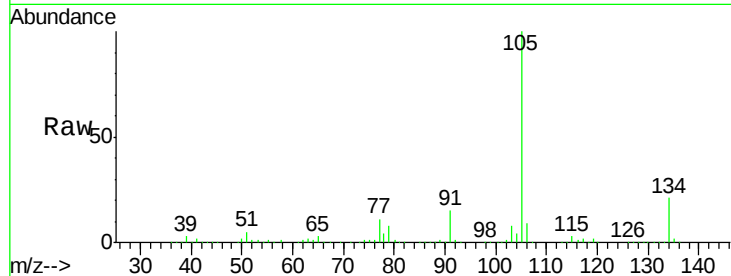
VX0720WBS03

Tot Ion:105 Resp: 322874

Ion Ratio Lower Upper

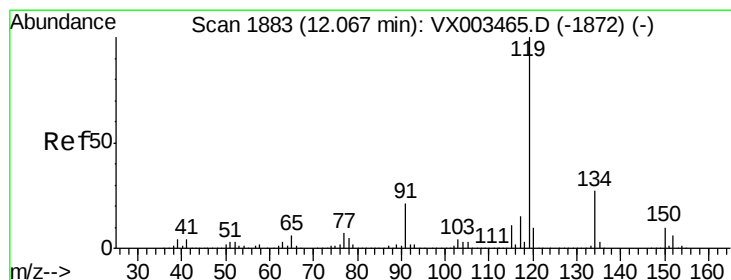
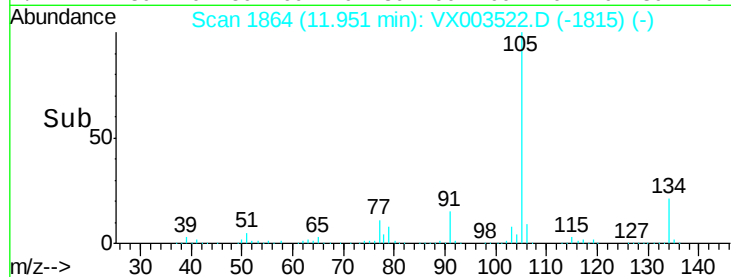
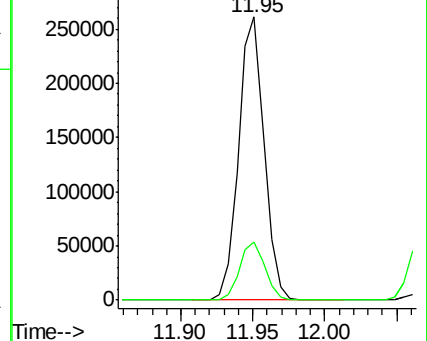
105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.64 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

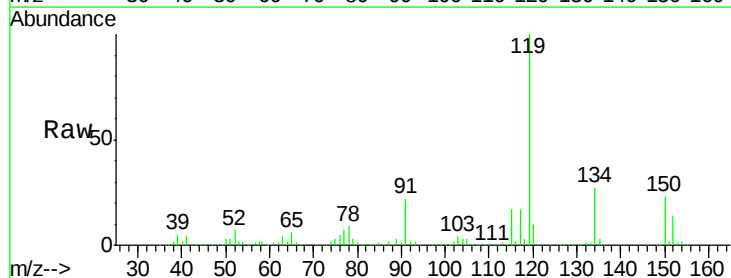
Tgt Ion:119 Resp: 289399

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

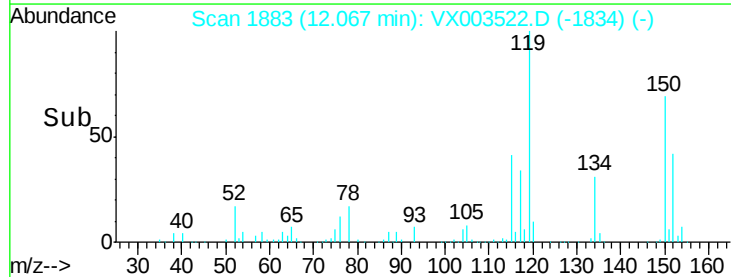
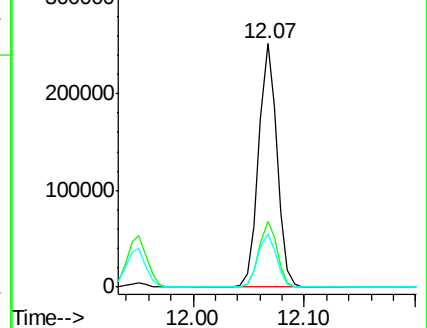
91 22.3 11.9 35.7

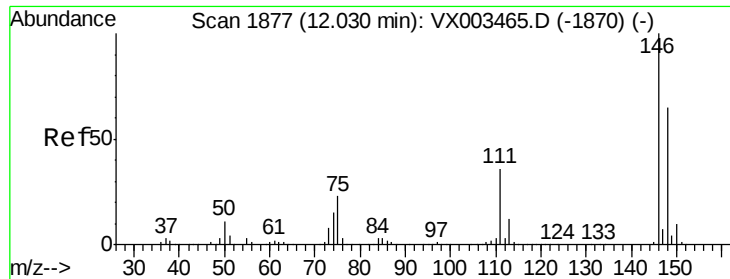


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

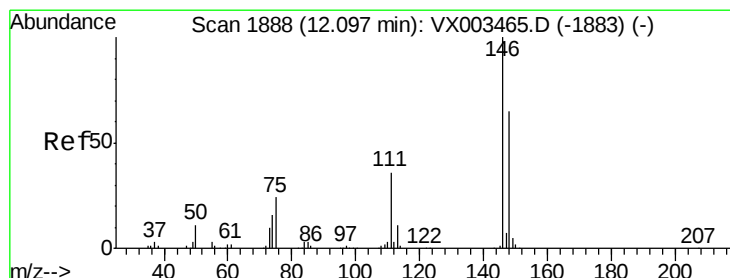
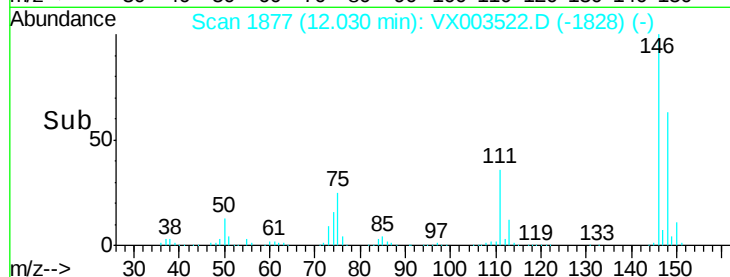
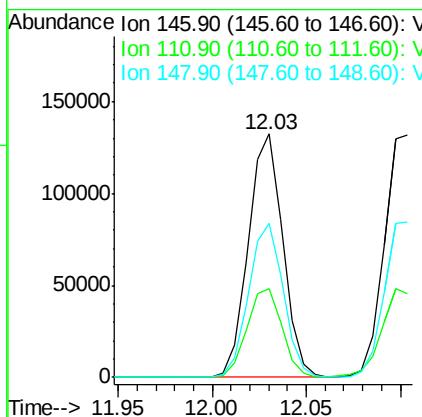
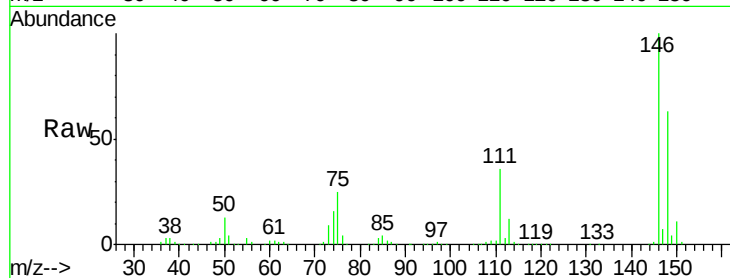




#87
 1,3-Dichlorobenzene
 Concen: 19.91 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

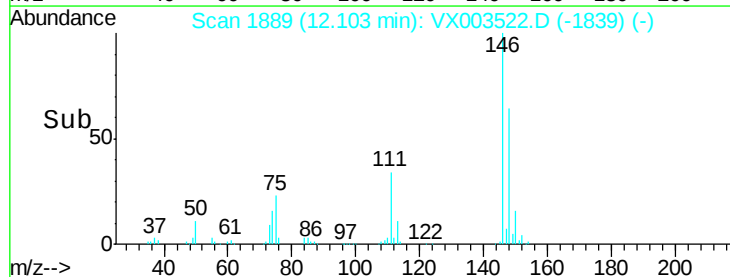
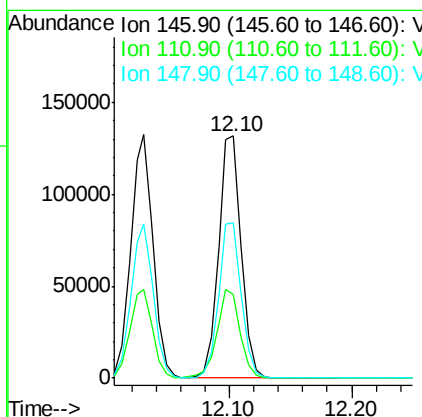
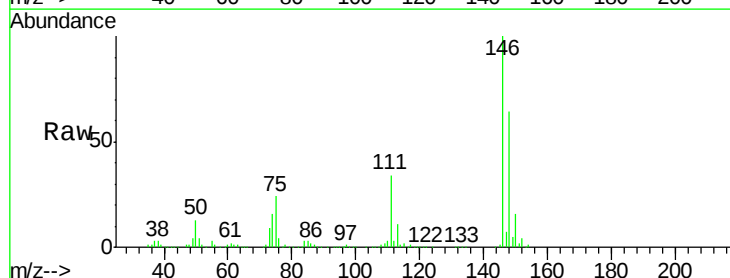
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

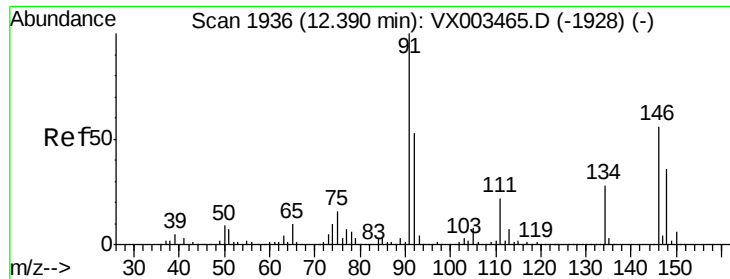
Tot Ion:146 Resp: 168227
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.7
 148 63.6 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.44 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.01 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion:146 Resp: 169176
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.7 56.1
 148 64.7 32.4 97.0





#89

n-Butylbenzene

Concen: 19.61 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003522.D

Acq: 20 Jul 2018 21:50

Instrument :

MSVOA_X

ClientSampled :

VX0720WBS03

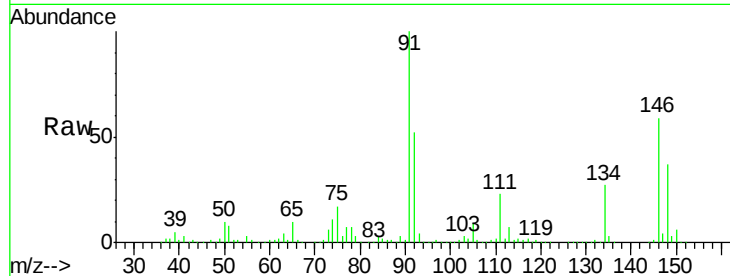
Tot Ion: 91 Resp: 233444

Ion Ratio Lower Upper

91 100

92 52.6 26.0 78.0

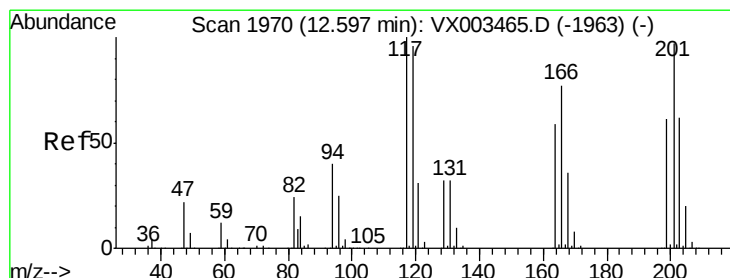
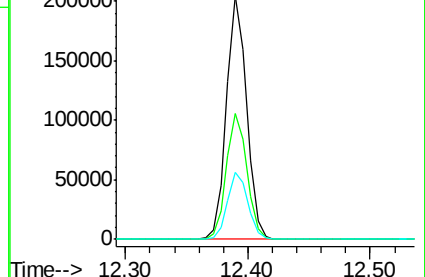
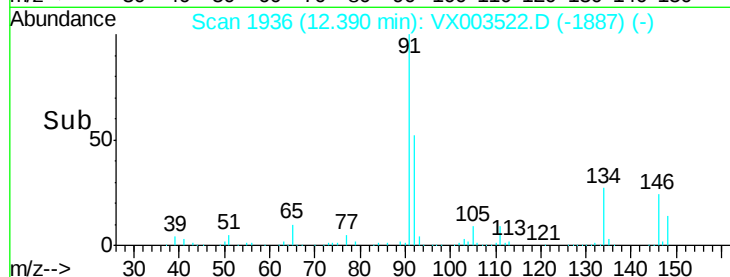
134 28.0 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.77 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003522.D

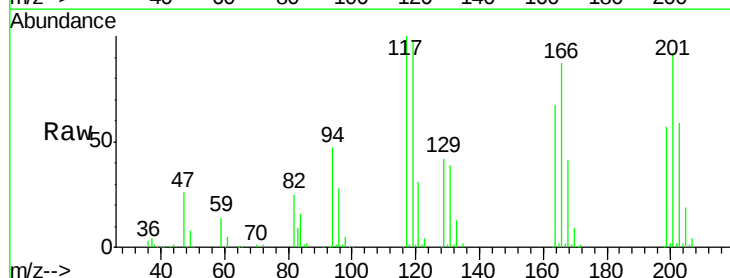
Acq: 20 Jul 2018 21:50

Tgt Ion: 117 Resp: 37414

Ion Ratio Lower Upper

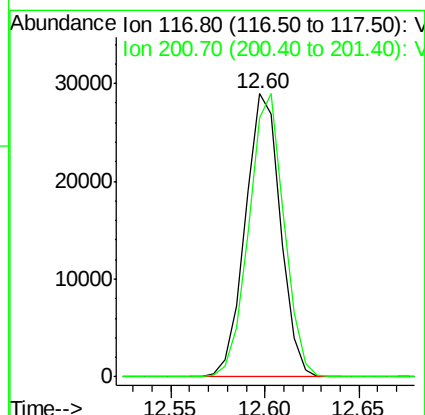
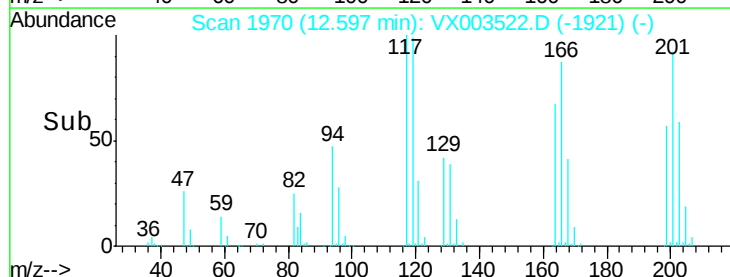
117 100

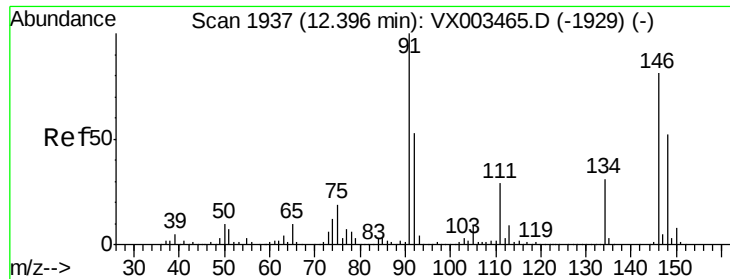
201 99.4 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

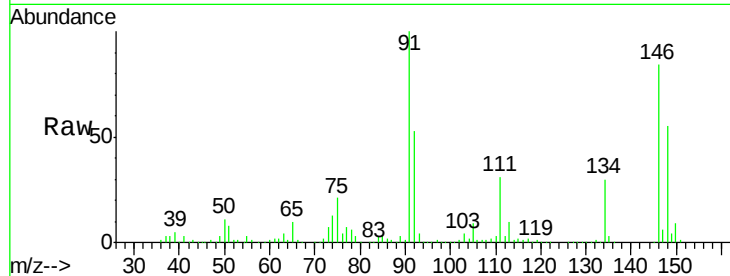




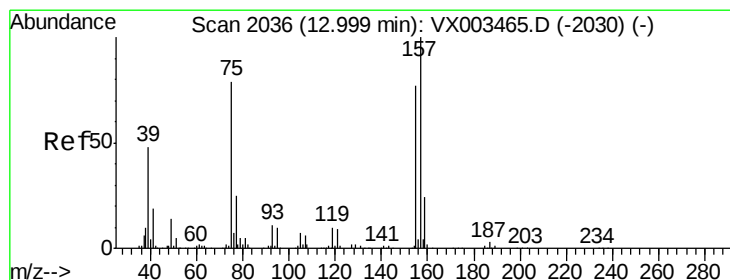
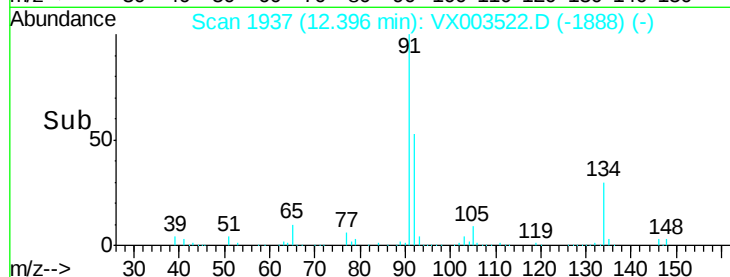
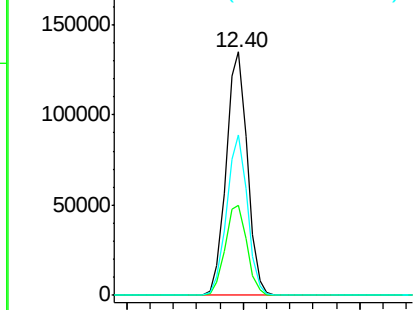
#91
 1,2-Dichlorobenzene
 Concen: 20.42 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

Tot Ion:146 Resp: 170046
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 64.3 31.7 95.1

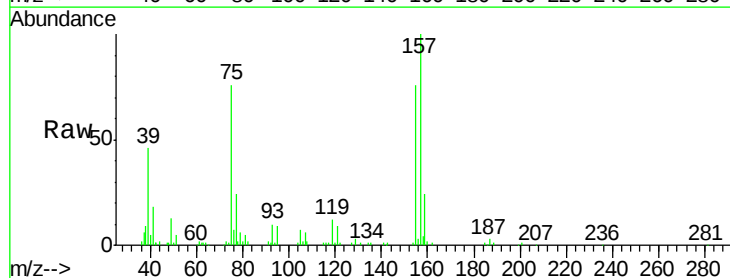


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

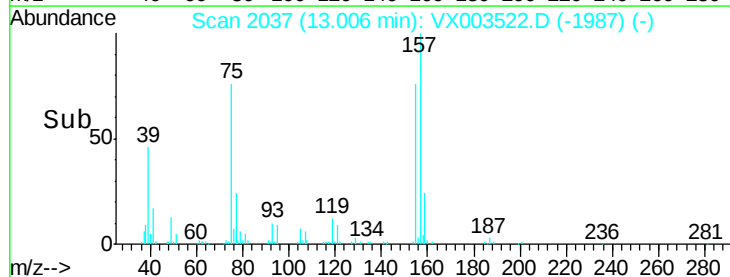
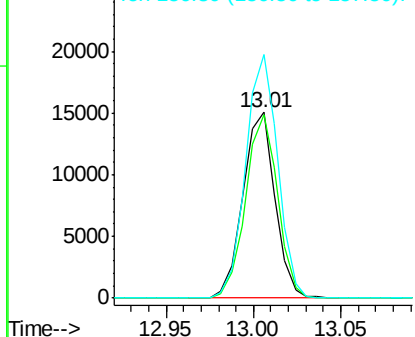


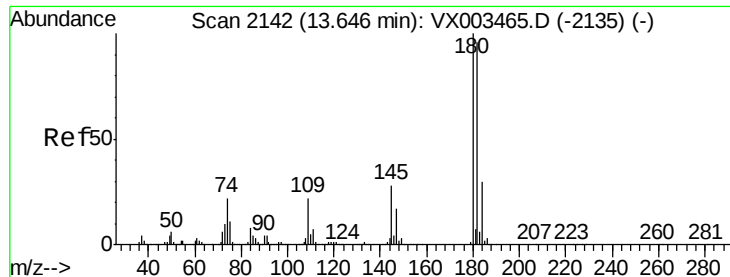
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.04 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion: 75 Resp: 19173
 Ion Ratio Lower Upper
 75 100
 155 98.5 45.8 137.4
 157 130.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

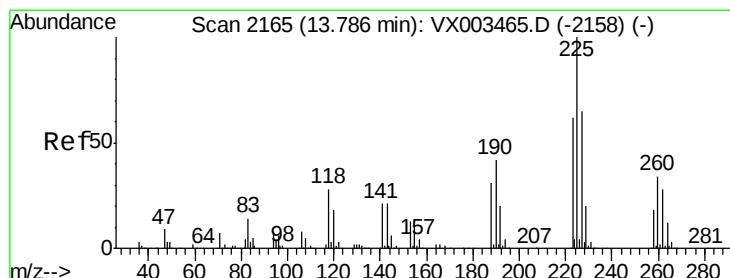
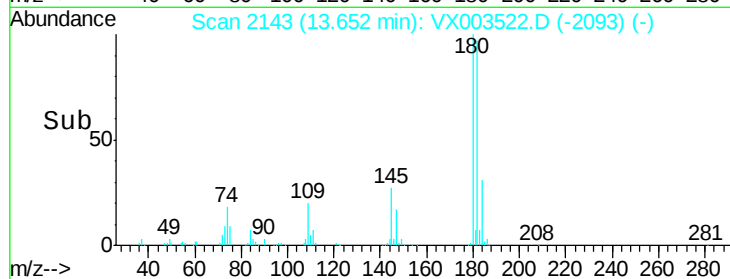
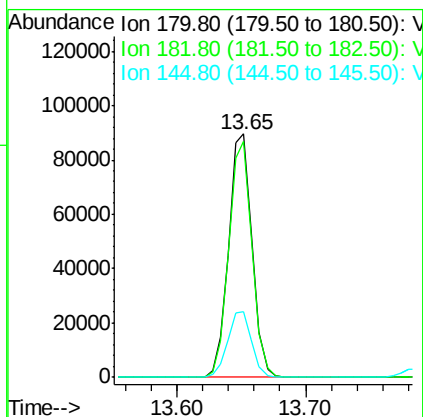
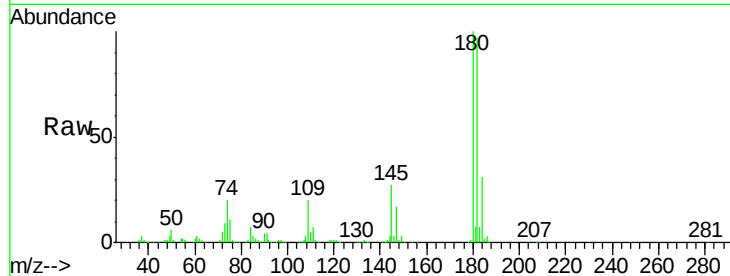




#93
 1,2,4-Trichlorobenzene
 Concen: 18.77 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

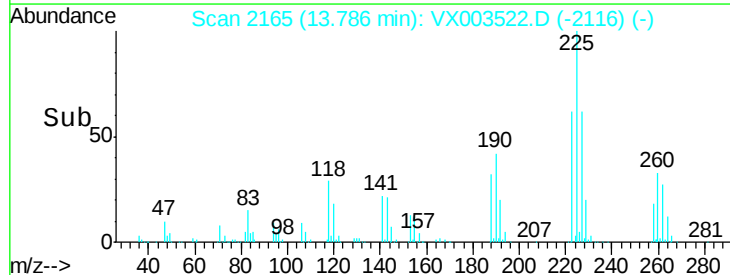
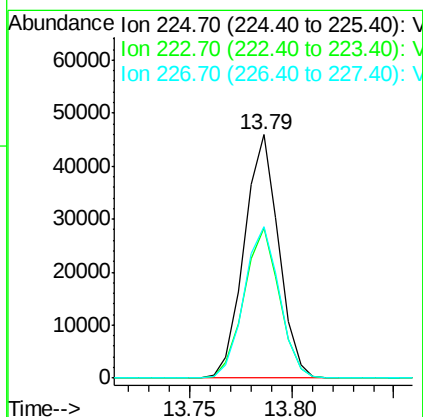
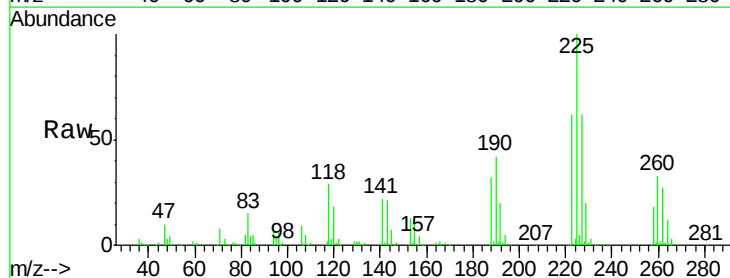
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0720WBS03

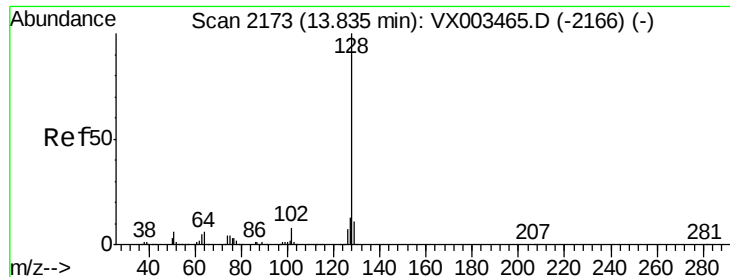
Tot Ion:180 Resp: 114544
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.34 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003522.D
 Acq: 20 Jul 2018 21:50

Tgt Ion:225 Resp: 53833
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.6 95.0
 227 64.3 32.4 97.2

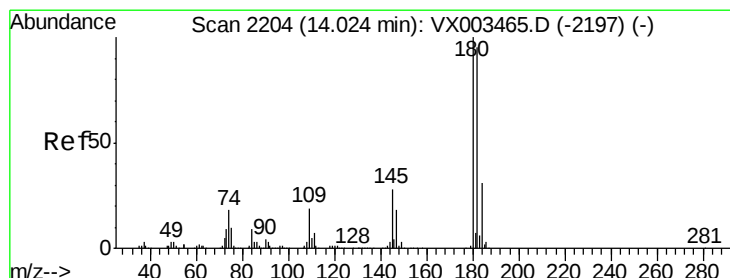
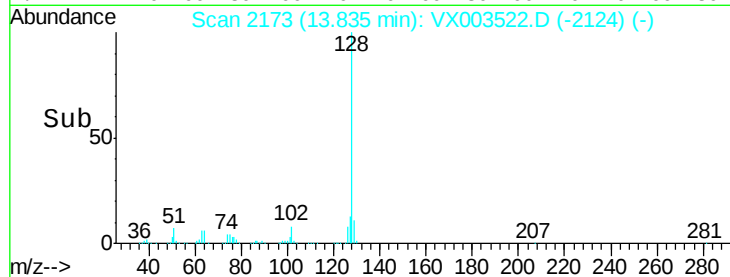
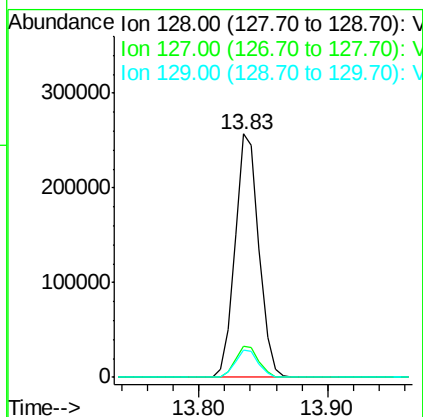
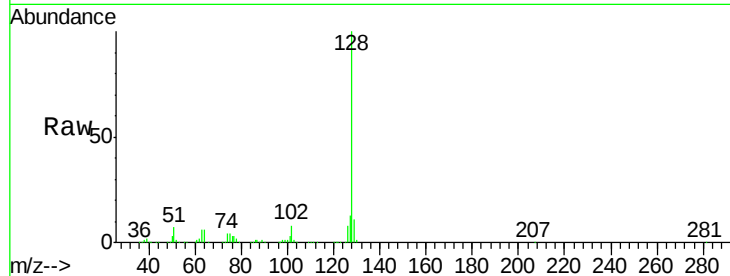




#95
Naphthalene
Concen: 20.62 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Instrument :
MSVOA_X
ClientSampleId :
VX0720WBS03

Tot Ion:128 Resp: 330764
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.33 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003522.D
Acq: 20 Jul 2018 21:50

Tgt Ion:180 Resp: 116797
Ion Ratio Lower Upper
180 100
182 96.5 48.0 144.0
145 29.6 14.8 44.3

